Basic Information of Krishi Vigyan Kendra

Name and Address of the KVK	Seva Bharati Krishi Vigyan Kendra P.O.– Kapgari,Dist.– Paschim Medinipur, West Bengal, PIN-721 505
Name of the KVK and District	Seva Bharati Krishi Vigyan Kendra, Dist. – Paschim Medinipur.
KVK code	0312210.
Name of the Host Organisation	Seva Bharati, P.O. – Kapgari, Dist. – Paschim Medinipur, West Bengal, Pin – 721 505.
Telephone No.	STD – 03221,Phone –267267
Mobile	9564661311/9679992098
Fax No.	03221-258318
Website	www.sevabharatikvk.org
Email	sevabharatikvk@yahoo.co.in
Name of the Head of the Organisation with designation	Prof. Soumitra Kumar Sen, President, Seva Bharati.
Name of Incharge of the KVK with designation	Dr. Asim Kumar Maiti , Programme Coordinator.
Letter No. and date by which KVK was sanctioned by ICAR	26(30)/96-Edn-II dated 23.11.1976
Month and year of inception of KVK	December, 1976
Geographical Location of KVK	21º 47’ - 23º 00' North Latitude 86º 40’ - 87º 52' East Longitude

CONCEPT

Krishi Vigyan Kendra (KVK) is an institutional Project of Indian Council of Agriculture Research (ICAR) to demonstrate the Application of Science and Technology input of agricultural research and education on the farmers field and in the rural area with the help of multi-disciplinary team of scientists. It is therefore also called as front line transfer of technology or extension system in the country.

- **To demonstrate the latest Agricultural Technologies to the farmers as well as the extension workers of the state Department of agriculture/NGO's with a view to reduce the time lag between the technologies generation and it's adoption.**
- **To test and verify the technologies in the socio economic condition of the farmers and to identify the production constraints.**
- **To get first hand scientific feedback from the fields and passing it to the research system in order to keep the scientist abreast with the performance of the technologies and the farming problems, so that they re -orient their research, education and training programmes accordingly.**
- **To impart training to the farmers, farmwomen, rural youth and field level extension functionaries by following the principles of "teaching by doing" and "learning by doing".**
- **To provide training and communication support to the line department of the state/NGOs.**
- **To develop extension models to be adopted by general extension system for large scale multiplications.**

MANDATE

Assessment, Refinement and Demonstration of Technologies/Products.

ACTIVITIES

- On-farm testing to identify the location specificity of agricultural technologies under various farming systems
- Organize Frontline Demonstrations to establish production potential of technologies on the farmers' fields
- Training of farmers to update their knowledge and skills in modern agricultural technologies
- Training of extension personnel to orient them in the frontier areas of technology development
- To work as resource and knowledge centre of agricultural technology for supporting initiatives of public, private and voluntary sector for improving the agricultural economy of the district

DISTRICT PROFILE

Name of district – Paschim Medinipur, West Bengal

a) ESTABLISHMENT : 1st January 2002

b) GEOGRAPHICAL LOCATION

Latitude : 21^0 47'N - 23^0 00'N
Longitude : 86^0 40'E - 87^0 52'E

c) GEOGRAPHICAL BOUNDRY
North : Bankura and Purulia district.
South : Mayurbhanj & Balasore districts of Orissa.
East : Hooghly and Purba Medinipur district.
West : Singhbhum district of Jharkhand and part of Orissa.

d) TOTAL GEOGRAPHICAL AREA : 9295.28 Sq. Km.

e) SOIL TYPES : Red Laterite , Bindhya alluvial, Recent alluvial

f) CLIMATE
Average annual rainfall : 1200.2 mm
Temperature : 16 – 42^0 C Maximum and 10.3 -27.6^0 C Minimum
Relative Humidity : 70-87% Morning and 41 – 68% Evening

g) IMPORTANT RIVERS : Subarnarekha, Kangsabati, Silabati,Keleghai, Roopnarayan

h) ADMINISTRATIVE UNITS
No. of Sub-Division : 04
No. of Blocks : 29
No of Municipality : 08
No of Gram Panchayats : 290
No. of Village : 7498
Literacy Percentage : 79.04 % (According to 2011 Census)

BLOCK DETAILS:

Sl.No.	Name of the Block	Total area in ha	Number of Panchayats	Number of Villages
1.	Midnapore	33300	9	226
2.	Garhbeta-I	53236	10	407
3.	Garhbeta-II	47567	15	541
4.	Garhbeta-III	36141	12	286
5.	Keshpur	39405	10	263
6.	Salboni	31212	8	190
7.	Pingla	32600	7	225
8.	Debra	26587	9	323
9.	Keshiary	34231	14	458
10.	Dantan-I	22148	10	173
11.	Dantan-II	29412	9	200
12.	Mohanpur	25552	9	181
13.	Kharagpur-I	18430	7	118
14.	Kharagpur-II	49197	16	463
15.	Sabang	13994	5	100
16.	Narayangarh	30075	13	225
17.	Jhargram	53950	13	485
18.	Binpur-I	36243	10	417
19.	Binpur-II	57574	10	397
20.	Jamboni	32372	10	283
21.	Nayagram	50560	12	291
22.	Sankrail	27600	10	246
23.	Gopiballavpur-I	27392	7	196
24.	Gopiballavpur-II	20498	7	175
25.	Ghatal	19354	6	126
26.	Chandrakona-I	15043	6	122
27.	Chandrakona-II	23901	12	138
28.	Daspur-I	16719	10	156
29.	Daspur-II	16615	14	87
Total		**920908**	**290**	**7498**

i) POPULATION (According to 2011 Census)

Total	**:**	5943300
Male	**:**	3032630
Female	**:**	2910670

j) CLASSIFICATION OF WORKERS

Cultivators	**:**	1080536
Agricultural Laborers	**:**	444919
Artisans	**:**	162797
Home Industries Labour	**:**	59533
Allied Agro Activities	**:**	34041
Other Workers	**:**	332938

(* Source: Census 2001-02)

k) LAND UTILISATION PATTERN

Geographical Area	**:**	929528 ha.
Area under Forest	**:**	173038 ha
Area under Cultivation	**:**	585222 ha
Area under Orchard & others	**:**	3855 ha
Fallow & other Current Fallow	**:**	25072 ha
Barren & uncultivable Land	**:**	20132 ha
Area under non-agrl use	**:**	144403 ha
Gross Cropped Area	**:**	989813 ha
Area Cultivated more than once	**:**	312495 ha
Cropping intensity	**:**	132.48%
Flood Prone Area	**:**	42647 ha
Drought Prone Area	**:**	335248 ha
Net Irrigated Area	**:**	298672 ha

l) DISTRIBUTION OF LAND HOLDING

Small Farmer	**:**	164182
Marginal Farmer	**:**	311763
Patta Holder	**:**	471834
Bargadars	**:**	132157

(* Source: Census 2001-02)

m) SOURCES OF IRRIGATION

Sl.No.	Sources of irrigation (2010-11)	Area (ha)	No.
i).	HDTW	9635	339
ii).	MDTW	66186	7213
iii).	LDTW	2276	243
iv).	STW	103690	43836
v).	RLI	14808	446
vi).	ODW	6466	12184
vii).	Others	19318	4746
viii).	Tanks	26508	31814
ix).	Canal	19790	-
	Total	**268677**	**100821**

n) INPUT SALE POINT

Fertilizer Depot : 2168
Insecticide Depot : 1696
Seed Depot : 314

o) IMPLEMENTS & EQUIPMENT

Tractor : 799
Power Tiller : 4075
Pumpset : 24502
Pedal Thresher : 110589
Sprayer : 154156
Duster : 222
Power Thresher : 3904
Paddy Reaper : 71

p) AGRICULTURAL FARM

District Seed farm : 01
State Seed Farm (JSMF, Goaltore) : 01
Block Seed Farm : 05
Japanese Model Farm : 01
Sub-Divisional Adoptive Research Farm : 04
Others: : 02

q) AREA COVERED UNDER DIFFERENT CROPS

(As per data of District Agriculture Department, Paschim Medinipur)

Paddy	: 690080 ha	Wheat	: 10225 ha	Potato	: 78880 ha
Moong	: 6110 ha	Mustard	: 23920 ha	Sugarcane	: 4974 ha
Till	: 67897 ha	Jute	: 38525 ha	Groundnut	: 25014 ha
Linseed	: 250 ha	Safflower	: 100 ha	Sun-Flower	: 100 ha

(* Source: District Agriculture Department, Paschim Medinipur)

r) AGRO CLIMATIC ZONES

AES	BLOCKS and Soil type
AES-I	Vindhya Alluvial and part red latiritc soil of 6 blocks of Midnapur sadar
AES-II	Vindhya Alluvial soil comprises of 5 blocks of Ghatal
AES-III	Red laterietic soil comprises of 8 blocks of Jhargram
AES-IV	Vindhya Alluvial and part red latiritc soil of 10 blocks of Kharagpur

Rationale

The development indicators emerged out through PRA, Benchmark survey, information collected from the trainees during different training programme of KVK, ex-trainees' meet, Technology Week Celebration, exhibition, diagnostic field visit, clinical service, SREP, CADP, SAC recommendation, local need and people' representatives recommendation were taken into accounts to take care of local problems and make awareness about latest technological advancement to the farmers of the districts. The action plan of SBKVK 2014-15 has been planned to fulfill the farmers need as per KVK mandates.

Major Problem Identified and Causes behind Them

PROBLEMS	CAUSES
Low Productivity of major cereal, oilseeds and pulses	Lack of Knowledge, Traditional Variety, poor agronomical practices, poor protection measure, insufficient irrigation water, poor soil status, PHT, and poor status of farm mechanization
Low productivity of vegetables / fruits/plantation crop/Tuber crop	Lack of Knowledge, Traditional Variety, poor agronomical practices, poor protection measure, insufficient irrigation water, poor soil status, PHT, and poor status of farm mechanization
Low productivity of Live stock	Poor genetic stock, lack of fodder/feed, lack of awareness about health/hygiene management, and value addition
Low productivity of Pisiculture	Poor genetic stock, lack of feed, lack of awareness about cultural practices, health/hygiene management, and value addition
Low output from household activities	Lack of knowledge and skill about value addition, low opportunity of income generating activities, inefficient use of homestead resource, poor women and child care, poor nutritional status
Low net income	Poor marketing facility, poor storage facility of the veg. and veg. products, lack of credit, insurance support and lack of awareness about different initiatives by govt. and other agencies, havoc of the middleman

OUR THRUST

- ⊡ Adoption of suitable Agricultural technologies with respect to changing climate
- ⊡ Awareness about improved package & practices of crop & veg. production for better return
- ⊡ Enhancement of seed replacement ratio
- ⊡ Improved management practices of Livestock & backyard farming
- ⊡ Awareness about IFS(Fish cum Veg, cum Livestock)
- ⊡ Soil &Water conservation and Water management
- ⊡ Popularization of Farm mechanization
- ⊡ Women empowerment through SHG
- ⊡ Formation & strengthening of Farmers Club
- ⊡ Self employment of unemployed Rural Youth through skill development training
- ⊡ Livelihood support programme for land less farming community
- ⊡ Convergence of different rural & agricultural development programme of govt, NARS & other stake holders

1. FARM ADVISORY AND OTHER ACTIVITIES (APRIL, 2014 to MARCH, 2015)

Activities & Sub-activities	Area (ha)//No. (quarterwise)				Quarterwise target (Beneficiaries)											
	Qr. I	Qr. II	Qr. III	Qr IV	Qr.I			Qr.II			Qr.III			Qr.IV		
					SC	ST	Other	SC	ST	Other	SC	ST	Other	SC	ST	Other
					M-F-T	M-F-T	M-F-T	M-F-T	M-F-T	M-F-T	M-F-T	M-F-T	M-F-T	M-F-T	M-F-T	M-F-T
1. Farm Advisory																
1.1. Demonstration																
• **Agronomy**																
• Oilseeds																
Oilseed	-----	2ha	6ha	----	----	------	-------	2-0-2	2-0-2	6-0-6	3-0-3	3-0-3	24-0-24	-----	-----	------
• Pulses																
Pulses	2ha	2ha	-----	2ha	2-0-2	2-0-2	6-0-6	2-0-2	2-0-2	6-0-6	-----	-----	-----	2-0-2	2-0-2	6-0-6
• Cereals	------	2ha	------	-----	------	------	------	3-2-5	3-2-5	10-5-15	-----	------	------	-----	-----	-----
Paddy,	-----	2ha	2ha	-----	------	---------	--------	2-0-2	2-0-2	6-0-6	2-0-2	2-0-2	6-0-6	--------	--------	--------
Finger Millet	------	2ha	--------	--------	-------	---------	-------	2-0-2	2-0-2	6-0-6	---------	---------	---------	---------	---------	-------
Wheat}	-----	--------	2ha	--------	-------	--------	-------	-------	-------	------	2-0-2	2-0-2	6-0-6	-------	-------	-------
• **Plant Protection**																
Control of Blast of paddy	------	2ha	--------	-----	-----	------	-------	3-2-5	3-2-5	10-5-15	--------	--------	-------	------	------	------
Control of Sheath blight of paddy	------	2ha	--------	-----	-----	------	-------	3-2-5	3-2-5	10-5-15	--------	--------	-------	------	------	------
Control of Blight of potato	------	--------	--------	2ha	----------	------	-------	---------	---------	-------	---------	---------	---------	7-0-7	6-0-6	12-0-12
• **Horticulture**																
Cultivation of kharif onion	-----	2ha	------	------	--------	--------	------	4-3-7	4-2-6	8-4-12	-------	------	------	------	------	------
Organic veg. cultivation	-----	2ha	------	------	------	------	------	3-3-6	3-1-4	6-4-10	------	------	-----	-------	-------	-------
Protective veg. cultivation	------	-------	2.5ha	------	--------	-------	------	------	-------	------	4-0-4	6-0-6	2-0-2			
Intercropping of turmeric in mango orchard	------	2ha	-------	-------	--------	--------	------	4-3-7	4-2-6	8-4-12	--------	--------	------	--------	--------	------
Quality healthy vegetable seedlings production	-----	-----	2.5ha	-----	------	-------	------	--------	--------	------	3-3-6	3-1-4	6-4-10	--------	--------	------
• **Livestock**																
Backyard Poultry	10 no	-----	10 no	-------	0-3-3	0-3-3	0-4-4	-------	------	------	-------	---------	--------	---------	-------	------
Pig	------	5 no	--------	------	--------	--------	---------	--------	0-5-0	-------	-------	-------	-------	-------	----------	-------
De-worming of goat	------	10 no	-------	------	0-3-3	0-3-3	0-4-4	-------	-------	-------	-------	-------	-------	-------	-------	-------
Quail farming	------	--------	10 no	------	-------	-----	-----	-----	-------	-------	3-0-3	3-03	4-0-4	---------	--------	------- -
• **Fishery**																
IMC Fingerlings production in Small seasonal pond	0.2 ha	--------	------	------	2-0-2	2-0-2-	6-0-6	--------	-------	-------	-------	------	------	------	--------	-------
Poly culture of Carp & Prawn in Small pond	0.2 ha	--------	-----	-------	2-0-2	3-0-3	5-0-5	--------	-------	-------	-------	------	------	-------	-------	-------
Magur culture in small pond	-------	0.2 ha	--------	--------	---------	----------	---------	2-0-2	3-0-3	5-0-5	-------	------	------	-------	-------	-------
Ornamental Fish Culture	--------	0.2 ha	--------	--------	----------	----------	---------	1-1-2	2-0-2	3-3-6	-------	------	------	-------	-------	-------
• **Agril. Engineering**																
Drum seeder	**------**	**2.0 ha**	**------**	**------**	**------**	**------**	**------**	5-0-5	20-5-25	10-0-10	**------**	**------**	**------**	**------**	**------**	**------**
Cono-weeder	**------**	**2.0ha**	**------**	**------**	**------**	**------**	**------**	5-0-5	20-5-25	10-0-10	**------**	**------**	**------**	**------**	**------**	**------**
Battery operated sprayer	**------**	**2.0ha**	**------**	**------**	**------**	**------**	**------**	5-0-5	20-5-25	10-0-10	**------**	**------**	**------**	**------**	**------**	**------**
Power reaper	**------**	**------**	**------**	**5.0 ha**	**------**	**------**	**------**	**------**	**------**	**------**	**------**	**------**	**------**	5-0-5	15-0-15	20-0-20
Animal Drawn Potato Digger	**------**	**------**	**------**	**1.0ha**	**------**	**------**	**------**	**------**	**------**	**------**	**------**	**------**	**------**	1-0-1	10-0-10	20-0-20

Animal Drawn ground nut Digger	-------	------	------	**1.0ha**	------	------	------	------	------	------	------	------	------	1-0-1	10-0-10	20-0-20
Groundnut stripper cum decorticator	-------	------	------	**1.0ha**	------	------	------	------	------	------	------	------	------	1-0-1	10-0-10	20-0-20
Drip irrigation kits	**0.10 ha**	------	------	------	0-2-2	0-5-5	0-3-3	------	------	------	------	------	------	------	------	------
Poly mulching for vegetable cultivation	-------	------	**0.5ha**	-------	------	------	------	------	------	------	0-0-0	5-3-8	12-0-12	------	------	------

Activities & Sub-activities	**Area (ha)//No. (quarterwise)**				**Quarterwise target (Beneficiaries)**											
	Qr. I	**Qr. II**	**Qr. III**	**Qr IV**	**Qr. I**			**Qr. II**			**Qr. III**			**Qr. IV**		
					SC	**ST**	**Other**	**SC**	**ST**	**Other**	**SC**	**ST**	**Other**	**SC**	**ST**	**Other**
					M-F-T	**M-F-T**	**M-F-T**	**M-F-T**	**M-F-T**	**M-F-T**	**M-F-T**	**M-F-T**	**M-F-T**	**M-F-T**	**M-F-T**	**M-F-T**
1.2. **Field Days**																
• **Agronomy**	2	4	3	2	10-2-12	10-2-12	30-6-36	20-4-24	20-4-24	60-12-72	15-3-18	15-3-18	48-6-54	10-2-12	10-2-12	30-6-36
• **Horticulture**	----	---	3	3	-----	-----	-----	-----	------	-----	5-3-8	7-2-9	42-10-52	6-4-10	7-3-10	35-5-40
• **Livestock**	----	----	2	2	----	-----	-----	-----	------	-----	5-5-10	5-5-10	15-5-20	5-5-10	5-5-10	15-5-20
• **Fisheries**	1	----	1	2	5-0-5	5-0-5	30-0-30	------	------	-----	5-0-5	5-0-5	30-0-30	5-5-10	5-5-10	20-10-30
• **Agril. Engineering**	1	3	4	1	5-2-7	10-5-15	10-0-10	10-5-15	15-5-20	20-0-20	5-20-25	5-30-35	10-20-30	10-2-12	15-5-20	10-0-10
• **Agril. Extension**	----	----	----	----	----	----	----	-----	------	-----	------	------	-----	-----	------	------
• **Plant Protection**	---	----	----	1	----	----	----	------	------	-----	------	------	-----	5-0-5	5-0-5	30-0-30
1.3. Exhibition	1	----	----	1	25	65	125	-----	-----	----	-----	------	-----	1450	2565	7965
1.4.1 Diagnostic Service	7	9	5	3	12-8-20	9-6-15	24-6-30	10-5-15	15-5-20	30-10-40	7-5-12	8-5-13	20-5-25	5-5-10	5-5-10	15-5-20
1.4.2 Scientists' visit	18	12	21	17	35-20-55	30-20-50	70-50-120	35-20-55	30-20-50	50-25-75	40-20-60	25-15-40	60-40-100	25-5-30	26-14-40	40-15-55
1.4.3 Farmers' visit	40	45	45	35	115-30-145	80-20-100	90-30-120	60-30-90	60-30-90	90-10-100	60-20-80	40-15-55	70-30-100	30-20-50	25-20-45	50-30-80
1.4.4 PRA	1	-	-	2	20-10-30	15-5-20	10-10-20	**----**	**----**	**----**	**-----**	**-----**	**----**	40-10-50	30-10-40	50-10-60
1.5. Clinic Centre	3	5	4	3	50	55	210	75	90	120	95	65	100	60	50	120
1.6. Advisory Service	15	17	19	13	30	45	55	40	30	60	35	25	50	25	30	45
1.7. Publications	15	1	1	1												
1.8. Farm Science Clubs / Mahila Samitii	2	3	3	2	20	10	20	15	20	15	30	20	40	15	15	30
1.9.1.Radio/TV talk	2	4	3	5												

2. EXECUTIVE SUMMARY OF THE TRAINING PROGRAMME (APRIL, 2014 TO MARCH, 2015)

Discipline	Client	On campus Courses		Off campus Courses		Trainees Days							
						PF/PFW		RY		EF		Total	
		No	Participants	No	Participants	On	Off	On	Off	On	Off	On	Off
A. Agronomy	PF/PWF	8	215	10	235	470	480	-	-	-	-	470	480
	RY	5	75	-	-	-	-	525	-	-	-	525	-
	EF	2	60	-	-	-	-	-	-	120	-	120	-
	Total	**15**	**350**	**10**	**235**	**470**	**480**	**525**	**-**	**120**	**-**	**1115**	**480**
• **Horticulture**	PF/PWF	9	185	3	80	470	160	-	-	-	-	470	160
	RY	6	90	-	-	-	-	630	-	-	-	630	-
	EF	3	50	-	-	-	-	-	-	100	-	100	-
	Total	**18**	**305**	**3**	**80**	**470**	**160**	**630**	**-**	**100**	**-**	**1200**	**160**
• **Livestock Production**	PF/PWF	9	130	5	110	280	220	0	0	0	0	280	220
	RY	7	125	0	0	0	0	875	0	0	0	875	0
	EF	2	50	0	0	0	0	0	0	100	0	100	0
	Total	**18**	**305**	**5**	**110**	**280**	**220**	**875**	0	**100**	0	**1255**	**220**
• **Fisheries**	PF/PWF	10	165	5	130	315	260	-	-	-	-	315	260
	RY	5	75	-	-	-	-	450	-	-	-	450	-
	EF	1	25	-	-	-	-	-	-	50	-	50	-
	Total	**16**	**265**	**5**	**130**	**315**	**260**	**450**	-	**50**	-	**815**	**260**
• **Agril Engineering**	PF/PWF	14	340	7	260	635	290	-	-	-	-	635	260
	RY	4	60	-	-	-	-	360	-	-	-	360	-
	EF	4	51	-	-	-	-	-	-	153	-	153	-
	Total	**22**	**451**	**7**	**260**	**635**	**290**	**360**	-	**153**	-	**1148**	**260**
• **Agril Extension**	PF/PWF	4	120	2	60	240	120	-	-	-	-	240	120
	RY	5	100	-	-	-	-	700	-	-	-	700	-
	EF	4	120	-	-	-	-	-	-	240	-	240	-
	Total	**13**	**340**	**2**	**60**	**240**	**120**	**700**	-	**240**	-	**1180**	**120**
• **Plant Protection**	PF/PWF	8	160	3	60	320	120	-	-	-	-	320	120
	RY	2	40	-	-	-	-	280	-	-	-	280	-
	EF	3	80	-	-	-	-	-	-	200	-	200	-
	Total	**13**	**280**	**3**	**60**	**320**	**120**	**280**	**-**	**200**	**-**	**800**	**120**
Grand Total		**115**	**2296**	**29**	**935**	**2730**	**1650**	**3820**	**0**	**963**	**0**	**7513**	**1620**

PF = Practicing Farmers, PFW = Practicing Farmers Women, RY = Rural Youth, EF = Extension Functionary

ACTION PLAN (2014-2015)
ABSTRACT OF TRAINING PROGRAMME

Qtr. No./Month	Duration (Days)	Total No. of Courses	Total No. of Trainee days	Venue	PARTICIPANTS									Grand Total
					SC			ST			OTH			
					M	W	T	M	W	T	M	W	T	
A) PRACTICING FARMERS														
1.Agronomy	24	12	600	ON/OFF	48	24	72	48	24	72	96	60	156	300
2. Horticulture	24	12	630	ON/OFF	55	30	85	38	26	64	74	42	116	265
3. Fisheries	22	11	255	ON/OFF	44	13	57	44	6	50	106	42	148	255
4. Livestock Production	18	14	430	ON/OFF	26	24	50	39	31	70	55	40	95	215
5. Agril. Extn	12	06	360	ON/OFF	24	18	42	24	24	48	60	30	90	180
6. Agril. Engg.	24	12	925	ON/OFF	45	34	79	63	44	107	89	15	104	290
7. Plant Protection	22	11	440	ON/OFF	33	32	66	44	33	77	33	44	77	220
TOTAL (A)	146	78	3640	ON/OFF	275	175	451	300	188	488	513	273	786	1725
B) RURAL YOUTH														
1.Agronomy	35	05	525	ON	10	05	15	10	10	20	30	10	40	75
2. Horticulture	42	06	630	ON	15	08	23	11	07	18	28	21	49	90
3. Fisheries	75	05	75	ON	15	01	16	15	03	18	36	05	41	75
4. Livestock Production	49	07	875	ON	24	09	33	31	09	40	38	14	52	125
5. Agril. Extn	35	05	700	ON	08	17	25	09	18	27	20	28	48	100
6. Agril. Engg.	24	04	360	ON	12	0	12	16	0	16	32	0	32	60
7. Plant Protection	14	02	280	ON	08	04	12	10	04	14	10	04	14	40
TOTAL (B)	274	34	3445	ON	92	44	136	102	51	153	194	82	276	565
C) EXTENSION FUNCTIONARIES														
1.Agronomy	4	2	120	ON	12	08	20	12	08	20	12	08	20	60
2. Horticulture	6	3	100	ON	14	02	16	16	02	18	12	04	16	50
3. Fisheries	2	1	50	ON	03	02	05	03	02	05	10	05	15	25
4. Livestock Production	4	2	100	ON	08	0	08	08	0	08	24	10	34	50
5. Agril. Extn	8	4	240	ON	23	08	31	20	11	31	40	18	58	120
6. Agril. Engg.	12	4	153	ON	09	04	13	09	03	12	20	06	26	51
7. Plant Protection	6	3	200	ON	20	02	22	21	02	23	33	02	35	80
TOTAL (C)	42	19	973	ON	86	26	115	89	28	117	151	54	204	436

D) FLD TRAINING														
1.Agronomy	14	6	350	ON/OFF	28	17	45	23	12	35	45	25	70	155
2. Horticulture	07	03	110	ON/OFF	11	09	20	11	05	16	22	12	34	70
3. Fisheries	08	04	80	ON	07	01	08	10	0	10	19	03	22	40
4. Livestock Production	08	04	70	ON	03	06	09	03	11	14	04	08	12	35
5. Agril. Extn	0	0	0	ON	0	0	0	0	0	0	0	0	0	0
6. Agril. Engg.	09	09	310	ON/OFF	25	02	27	105	23	128	157	03	160	315
7. Plant Protection	0	0	0	ON	0	0	0	0	0	0	0	0	0	0
TOTAL (D)	46	26	920	ON/OFF	74	35	109	152	51	203	247	51	298	615
E. TOTAL (A+B+C+D)	508	161	11988		502	403	905	517	493	1020	887	470	1357	3262

SUMMARY OF TRAINING PROGRAMME

PRACTICING FARMERS/ FARM WOMEN

Type of training	No. of course	Coverage							
		SC		ST		Others		Total	
		M	F	M	F	M	F	M	F
ON	60	200	125	223	129	372	180	795	434
OFF	41	156	78	243	105	407	155	806	338
TOTAL	101	356	203	466	235	779	335	1601	772

RURAL YOUTH

Type of training	No. of course	Coverage							
		SC		ST		Others		Total	
		M	F	M	F	M	F	M	F
ON	34	92	44	102	51	194	82	388	177
OFF	-	-	-	-	-	-	-	-	-
TOTAL	34	92	44	102	51	194	82	388	177

EXTENSION FUNCTIONARIES

Type of training	No. of course	Coverage							
		SC		ST		Others		Total	
		M	F	M	F	M	F	M	F
ON	19	86	26	89	28	151	54	326	108
OFF	0	0	0	0	0	0	0	0	0
TOTAL	19	86	26	89	28	151	54	326	108

3. DETAILS OF VOCATIONAL TRAINING PROGRAMME

A. Courses for the practicing farmer / farm women:

Discipline – Agronomy

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/Apr/ 14	**(Management of the problematic soil)** Techniques of acid Soil reclaimanation	To know the application of Lime at proper dose and time for improving soil health and increasing yield	On	1	2	25	50	4	2	4	2	8	5	16	9
I/ May/ 14	**(Management of the problematic soil)** Techniques of acid Soil reclaimanation	To know the application of Lime at proper dose and time for improving soil health and increasing yield	Off	1	2	25	50	4	2	4	2	8	5	16	9
I/June/14	**(Production Management)** Paddy production by use of different method of transplanting	To learn the Improved method of transplanting of paddy for increasing yield.	On	1	2	25	50	4	2	4	2	8	5	16	9
I/June/14	**(Production Management)** Paddy production by use of different method of transplanting	To learn the Improved method of transplanting of paddy for increasing yield	Off	1	2	25	50	4	2	4	2	8	5	16	9
II/July/14	**(Seed Production)** Improved Package of Practices for Kharif Groundnut seed production	To know the techniques of Groundnut Seed production by using the fallow upland for getting higher income.	Off	1	2	25	50	4	2	4	2	8	5	16	9
II/July/14	**(Crop diversification)** Technique of Kharif Maize Production in rainfed situation	To know the Improved Package of Kharif Maize cultivation for increasing yield from their land in rained condition of their farming community	Off	1	2	25	50	4	2	4	2	8	5	16	9
III/sept/14	**(Crop diversification)** Technique of Kharif Pulse Production in rainfed situation	To know the Improved Package of Kharif Pulses cultivation for increasing yield from their land in rained condition of their farming community	On	1	2	25	50	4	2	4	2	8	5	16	9
III/oct/14	**(Crop diversification)** Technique of Rabi Maize Production in rainfed situation	To know the Improved Package of Kharif cultivation for increasing yield from their land in rained condition of their farming community	Off	1	2	25	50	4	2	4	2	8	5	16	9
III/Oct/14	**(Nutrient Management)** Importance and use of Sulpher content fertilizer in Mustard Cultivation.	To know the use of Sulpher at proper dose and time for increasing oil content and yield.	On	1	2	25	50	4	2	4	2	8	5	16	9
III/Nov/14	**(Nutrient Management)** Importance and use of Micro nutrient in lentil production	To know the use of micro nutrient at proper dose and time for higher yield of Lentil	Off	1	2	25	50	4	2	4	2	8	5	16	9

III/Nov/14	**(Disease Management)** Improved techniques of Seed treatment in Potato crop.	To learn the seed treatment method of Potato for minimize the seed borne disease of potato.	Off	1	2	25	50	4	2	4	2	8	5	16	9
III/Dec/14	Use of SRI techniques in Boro Paddy under irrigated situations	To know the SRI techniques of paddy cultivation for increasing yield and minimize the cost of cultivation.	Off	1	2	25	50	4	2	4	2	8	5	16	9
		Total		**12**	**24**	**300**	**600**	**48**	**24**	**48**	**24**	**96**	**60**	**192**	**108**

Discipline – Horticulture

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/April/14	**(Nursery management)** Raising of forest sapling	To know the improved package and practices raising forest saplings	Off	1	2	25	50	5	3	3	2	8	4	16	09
I/May/14	**(Spice Cultivation)** Modern cultivation of Zinger and Turmeric	To know the improved package and practices of spice cultivation	On	1	2	25	50	5	3	3	2	8	4	16	09
I/Jun/14	**(Cultivation of fruits)** Commercial cultivation of fruits (Mango, Guava, Papaya, Citrus, Cashew nut, Ber, etc.	To know the improved package and practices of fruit cultivation in fellow medium land	On	1	2	25	50	5	3	3	2	8	4	16	09
II/Jul/14	**(Protective Veg. Cultiv ation)** Cultivation of off season vegetables in low cost poly house-Tomato, Capsicum, Cucurbits etc.	More income from off season veg. cultivation	On	1	2	15	30	3	1	3	2	4	2	10	05
II/Jul/14	**(Cultivation of flower)** Commercial cultivation of flower- marigold, tulip, rose, chrysanthemum etc.	More income through flower cultivation	On	1	2	25	50	5	3	3	2	8	4	16	09
II/Aug/14	**(Orchard management)** Training and pruning of orchard	To know the beneficial effect of training and pruning along with maintenance of orchard	Off	1	2	30	60	6	3	4	3	9	5	19	11
II/Sep/14	(**Nursery management)** Improved nursery management practice for healthy vegetable seedling production	To know the improved package and practices for disease free healthy vegetable seedling production	On	1	2	25	50	6	3	4	3	5	4	15	10
II/Sep/14	**(Spice Cultivation)** Modern cultivation of chili and coriander	To know the improved package and practices of spice cultivation and more income from Spice Cultivation	On	1	2	25	50	5	3	3	2	8	4	16	09
III/Dec /14	**(Vegetable cultivation)** Commercial cultivation of Tomato Brinjal and Cauliflower in upland condition	To know about late varieties of Tomato, Brinjal and Cauliflower and their cultivation practices	On	1	2	25	50	5	3	3	2	8	4	16	09

IV/Jan/15	**(Vegetable cultivation)** Commercial cultivation of cucurbitaceous vegetable crops	To know the improved package and practices for cucurbitaceous vegetable crops in red and lateritic zone	On	1	2	25	50	5	3	3	2	8	4	16	09
IV/Feb/15	(**Orchard development)** Layout and management of orchard	To know the technique of new orchard development and their management	On	1	2	20	40	4	2	5	3	3	3	12	08
IV/Mar/15	**(Veg. Seed production)** Scientific cultivation and seed production technique of Cucurbitaceous vegetable Crops	To know the improved package and practices of Cucurbitaceous vegetable crops and their seed production	Off	1	2	25	50	5	3	3	2	8	4	16	09
		Total		**12**	**24**	**265**	**630**	**55**	**30**	**38**	**26**	**74**	**42**	**167**	**98**

Discipline – Livestock Production

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/April,14	**(Feed Management)** Enrichment of Poor quality dry fodder.	To learn the method of enrichment of Paddy straw using urea, etc.	Off	1	2	30	60	3	2	3	2	14	6	20	10
I/May,14	**(Income generation activities for empowerment of rural women)** Improved backyard Poultry & Duckery management practices.	To learn improved management practices on small scale poultry & Duck rearing for eggs production.	On	1	2	20	40	0	5	0	5	0	10	0	20
I/June/14	**(Disease Management)** Prevention & Control of Commonly occurring diseases in cattle	To identify and to take preventive measures on commonly occurring cattle disease	Off	1	2	20	40	3	2	3	2	6	4	12	8
I/June/14	**(Goatery Management)** Free range goat farming.	To learn improved management practices on free range farming ob black Bengal goat for meat production.	On	1	2	25	50	5	5	5	5	5	0	15	10
II/Jul;y/14	**(Disease Management)** Prevention & Control of Commonly occurring diseases in Goats	To identify and to take preventive measures on commonly occurring cattle disease	On	1	2	20	40	3	2	3	2	6	4	12	8
II/Aug/14	**(Disease Management)** Prevention & Control of Commonly occurring diseases in Poultry	To identify and to take preventive measures on commonly occurring Poultry disease	Off	1	2	20	40	3	2	3	2	6	4	12	8
II/Sep/14	**(Disease Management)** Prevention & Control of Commonly occurring diseases in Poultry	To identify and to take preventive measures on commonly occurring Poultry disease	Off	1	2	20	40	3	2	2	3	6	4	11	9

III/Nov/14	**(Disease Management)** Prevention & Control of Commonly occurring diseases of small Animal	To identify and to take preventive measures on commonly occurring disease of small Animal	On	1	2	20	40	3	2	3	2	6	4	12	8
III/Dec/14	**(Piggery management)** Improved piggery management practices	To learn improved management practices on free range farming on improved pigs for meat production .	On	1	2	20	40	0	0	15	5	0	0	15	5
IV/Mar/15	**(Feed Management)** Enrichment of Poor quality dry fodder.	To learn the method of enrichment of Paddy straw by using urea, molasses etc.	Off	1	2	20	40	3	2	2	3	6	4	11	9
		Total		**10**	**20**	**-**	**430**	**26**	**24**	**39**	**31**	**55**	**40**	**120**	**95**

Discipline – Fisheries

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/Apr14	**(Resource Management)** Pond Preparation for spawn Production	To learn improve methods of pond preparation before stocking of Spawn	Off	1	2	30	60	5	0	5	0	15	5	25	5
I/May /14	**Resource Management)** Carp fry & fingerling rearing **(**Improved package of Practices of fry & Fingerlings rearing)	To learn the management practices of fry & Fingerlings rearing in seasonal ponds	Off	1	2	30	60	5	0	5	0	15	5	25	5
I/May /14	(**Fish seed production)** Carp fry & fingerling rearing **(**Improved package of Practices of fry & Fingerlings rearing)	To learn the management practices of fry & Fingerlings rearing in seasonal ponds	On	1	2	25	50	5	0	5	0	10	5	20	5
II/ Aug/14	**(Resource Management)** Dishi Magur Culture in small Pond	To identify and to take preventive measures & control of commonly occurring fish diseases in the area	On	1	2	20	40	2	3	3	2	5	5	10	10
II/ Sept14	**(Resource Management)** Integrated fish farming (Fish –cum – Vegetable – cum Duck farming)	To learn the management practices of culture of fish in ponds & Vegetables cultivation, Duck Farming on dykes	On	1	2	20	40	5	2	3	2	6	2	14	6
III/Oct /14	**(Disease management)** Prevention & control of (commonly occurring) fish diseases	To identify and to take preventive measures & control of commonly occurring fish diseases in the area	Off	1	2	30	60	2	3	3	2	15	5	20	10

III/ Nov/14	**(Fish Feed production)** Preparation of low-cost fish feed (using Agri. & farm waste and by-products)	To identify the locally available Agri. & farm waste that can be tilized as fish food ingredients and process of fish feed preparation	On	1	2	20	40	5	-	5	-	10	-	20	-
III/ Dec/14	**(Resource Management)** Integrated fish farming (Fish –cum – Vegetable – cum Duck farming)	To learn the management practices of culture of fish in ponds & Vegetables cultivation, Duck Farming on dykes	Off	1	2	20	40	5	0	5	0	10	0	20	0
III/Jan /15	**(Fish Feed production)** Preparation of low-cost fish feed (using Agri. & farm waste and by-products)	To identify the locally available Agri. & farm waste that can be tilized as fish food ingredients and process of fish feed preparation	On	1	2	20	40	5	-	5	-	10	-	20	-
III/ Feb/14	**(Resource Management)** Integrated fish farming (Fish –cum – Vegetable – cum Duck farming)	To learn the management practices of culture of fish in ponds & Vegetables cultivation, Duck Farming on dykes	On	1	2	20	40	5	0	5	0	10	0	20	0
III/ Mar/15	**(Introduction of New Technology)** Ornamental fish culture	To learn the prospect & cultural practices of Ornamental fishes	Off	1	2	20	40	0	5	0	0	0	15	0	20
		Total		**11**	**-**	**-**	**510**	**44**	**13**	**44**	**6**	**106**	**42**	**194**	**61**

Discipline - Agricultural Engineering

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/April/ 14	**(Micro-irrigation)** Installation and maintenance of drip irrigation system	To learn layout and installation of drip irrigation kit for vegetable cultivation	On	1	2	15	30	2	1	5	2	5	0	12	3
I/April/ 14	**(Micro-irrigation)** Installation and maintenance of drip irrigation system	To learn layout and installation of drip irrigation kit for vegetable cultivation	Off	2	1	50	100	15	5	25	20	25	10	65	35
I/ May /14	**(Agriculture tools management)** Package of improved agricultural machinery for paddy cultivation	To know and to select the machinery for their farming system	On	1	3	25	75	5	2	5	3	10	-	20	5
I/ June /14	**(Soil & water conservation)** Construction of water harvesting structure.	To learn about site selection, seepage control measures for water harvesting.	Off	1	2	30	60	6	5	7	5	4	3	17	13
I/July/ 14	**(Agriculture tools /machinery management)** Operation and maintenance of Power Tiller	To learn operation & to perform the preliminary maintenance on their own	On	1	3	10	30	2	-	3	-	5	-	10	-

II / Sep/14	**(Micro irrigation)** Installation and maintenance of sprinkler irrigation system	To know the techniques of installation and maintenance of sprinkler Irrigation system	On	1	2	10	20	1	-	2	-	7	-	10	-
II/Sep/14	**(Soil & water conservation)** Use of plastic mulching for in-situ-moisture conservation	To know the techniques of using poly mulching for crop cultivation	On	1	3	15	45	3	-	4	-	8	-	15	-
III/ Nov. /14	**(Agriculture tools /machinery management)** Operation & Maintenance of Diesel Engine Pump sets specially for uses group	To perform preliminary maintenance of diesel engine pump sets	On	1	3	10	30	1	-	2	-	7	-	10	-
III/ Dec. /14	**(Agriculture tools /machinery management** Package of improved agricultural machinery for groundnut & potato cultivation	To know and to select the machinery for their farming system	On	1	3	25	75	5	3	5	2	8	2	18	7
IVI/Jan/ 15	**(Drudgery reduction)** Gender friendly Equipment for farmwomen	To perform farm operation with less drudgery by using improved agril. implements	On	1	3	25	75	-	15	-	10	-	-	-	25
IV/Feb/ 15	**(Protective Farming)** Construction & maintenance of poly tunnel, shed nets and use of mulching	To learn about the use of poli tunnel Shed net in their own farm.	On	1	3	25	75	5	3	5	2	10	-	20	5
		Total		**12**	**28**		**615**	**45**	**34**	**63**	**44**	**89**	**15**	**197**	**93**

Discipline – Agricultural Extension

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/ May/14	**(INM)** Application of Bio- Bio-fertilizer in crop protection.	To aware and learn about the Bio- fertilizer to reduced cost and improvement of quality production.	On	1	2	30	60	4	3	4	4	10	5	18	12
I/ July/14	**(IPM)** Application of Bio-pesticides in crop protection.	To aware and learn about the Bio-pesticide to reduced cost and improvement of quality production.	Off	1	2	30	60	4	3	4	4	10	5	18	12
II/Sept/14	**(Value addition)** Mushroom production	To know the methods of Mushroom production	On	1	2	30	60	4	3	4	4	10	5	18	12
II/Oct/14	**(Formation & management of SHG)** Orientation and awareness programme on Self Help Group formation.	To create an awareness on group formation and monitoring of group for establishment of self-entrepreneurship.	Off	1	2	30	60	4	3	4	4	10	5	18	12
III / Dec /14	**(INM)** Application of Bio- Bio-fertilizer in crop protection.	To aware and learn about the Bio- fertilizer to reduced cost and improvement of quality production.	On	1	2	30	60	4	3	4	4	10	5	18	12

III / Jan /15	**(IPM)** Application of Bio-pesticides in crop protection.	To aware and learn about the Bio-pesticide to reduced cost and improvement of quality production.	On	1	2	30	60	4	3	4	4	10	5	18	12
		Total		**6**	**12**	**180**	**360**	**24**	**18**	**24**	**24**	**60**	**30**	**108**	**72**

Discipline – Plant Protection

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I. MAY /14	(**Disease and Pest management**) Method of seed treatment of the major kharif crop grown in the district.	To eradicate the seed born disease.	ON	1	2	20	40	3	3	4	3	3	4	10	10
I. JUNE /14	(**IDM and IPM**) Integrated disease and pest management of paddy	1. Keep crop healthy 2. Minimize the input cost 3. Protect yield loss	OFF	1	2	20	40	3	3	4	3	3	4	10	10
II. JULY /14	**(Integrated Pest Management**) Management of insect pest and disease of major kharif pulse crops (mung,urd and arhar)	1. Keep crop healthy 2. Minimize the input cost 3. Protect yield loss	OFF	1	2	20	40	3	3	4	3	3	4	10	10
II. AUG /14	(**Integrated Pest Management**) Management of insect pest and disease of the summer vegetable (okra , brinjal and other cucurbits	1. Keep crop healthy 2. Minimize the input cost 3. Protect yield loss	ON	1	2	20	40	3	3	4	3	3	4	10	10
II. SEPT /14	(**Integrated Pest Management**) Management of insect pest and disease of kharif oilseed (Ground nut, Niger and Sesame)	1. Keep crop healthy 2. Minimize the input cost 3. Protect yield loss	ON	1	2	20	40	3	3	4	3	3	4	10	10
I. SEP/14	(**Lac Cultivation**) Cultivation of Lac	Create awareness income generation	ON	1	2	20	40	3	3	4	3	3	4	10	10
III. OCT /14	(Disease and Pest Management) Disease and pest management of the seedlings of vegetable nursery.	To produce healthy vegetable seedlings.	ON	1	2	20	40	3	3	4	3	3	4	10	10
III NOV /14	(Disease and Pest Management) Management of insect pest & diseases of potato and other vegetables.	1. Keep crop healthy 2. Protect yield loss	ON	1	2	20	40	3	3	4	3	3	4	10	10
III DEC 14	(**Integrated Pest Management**) Management of insect pest and disease in rabi oilseeds crop (mustard, sunflower, linseed and ground nut)	1. Keep crop healthy 2. Protect yield loss	ON	1	2	20	40	3	3	4	3	3	4	10	10
IV JAN /15	(**Integrated Pest Management**) Management of insect pest & disease in pulse crops (Gram, Lentil and pea).	1. Keep crop healthy 2. Protect yield loss	OFF	1	2	20	40	3	3	4	3	3	4	10	10
IV FEB /15	(**Integrated Pest Management**) Control of storage grain pest	Protect storage loss.	ON	1	2	20	40	3	3	4	3	3	4	10	10
		Total		**11**	**22**	**220**	**440**	**33**	**33**	**44**	**33**	**33**	**44**	**110**	**110**

B. Courses for Rural Youth:

Discipline – Agronomy

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/May/14	**(Vermi culture)** Production of Vermi-compost	To learn the techniques of quality manure with the use of earthworm and preparing Vermi-compost	On	1	7	15	105	2	1	2	2	6	2	10	5
II/July./14	**(Seed Production)** Quality seed production of paddy, and mustard	To learn the techniques of seed production for getting the farm income from their own land	On	1	7	15	105	2	1	2	2	6	2	10	5
II/Sept./14	**(Vermi culture)** Production of Vermi-compost	To learn the techniques of quality manure with the use of earthworm and preparing Vermi-compost	On	1	7	15	105	2	1	2	2	6	2	10	5
III/Nov/14	**(Soil Testing)** Method of soil testing for different essential plant nutriments available in the soil.	To learn about the latest Method of soil testing for self employment trough soil testing lab	On	1	7	15	105	2	1	2	2	6	2	10	5
IV/Feb/15	**(Vermi culture)** Production of Vermi-compost	To learn the techniques of quality manure with the use of earthworm and preparing Vermi-compost	On	1	7	15	105	2	1	2	2	6	2	10	5
		Total		**05**	**35**	**75**	**525**	**10**	**05**	**10**	**10**	**30**	**10**	**50**	**25**

Discipline – Horticulture

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/May/14	(**Nursery management)** Nursery Management (Gardener Training).	To develop the Knowledge & Skill on Nursery Management	On	01	07	15	105	3	1	2	1	5	3	10	05
I/Jun/14	(**Value Addition)** Preparation and preservation of different value added products from excess agril. products	Self employment through food preservation and increase value of the excess agril. products	On	01	07	15	105	1	3	1	2	3	5	5	10

II/Sept/14	(**Organic Farming)** Commercial Organic Vegetable Cultivation	To develop the knowledge and skill on Commercial Organic Vegetable Cultivation for self employment	On	01	07	15	105	2	1	2	1	5	4	09	06
III/Oct/14	**Nursery management)** Nursery Management (Gardener Training).	To develop the Knowledge & Skill on Nursery Management	On	01	07	15	105	3	1	2	1	5	3	10	05
III/Dec/14	**(Protective cultivation)** Protected cultivation of off season vegetable Crops	Production of off-season and high value vegetable crops	On	01	07	15	105	3	1	2	1	5	3	10	05
IV/Jan/15	(**Seed production)** Seed production technique of different vegetable Crops	To know the improved package and practices of different vegetable crops and their seed production	On	01	07	15	105	3	1	2	1	5	3	10	05
		Total		**06**	**42**	**90**	**630**	**15**	**08**	**11**	**07**	**28**	**21**	**54**	**36**

Discipline – Livestock production

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/April/14	**(Poultry farming)** Poultry Farming (Broiler & Layer)	To learn improved management practices on poultry farming for meat & egg production.	On	1	7	25	175	5	0	5	0	15	0	25	0
I/May/14	**(Pig Farming)** Piggery Management	To learn about Scientific Farming of Pigs	On	1	7	15	105	3	0	10	0	2	0	15	0
II/july14	**(Duck farming)** Duck Farming (K.C& Vigova super)	To learn improved management practices on Duck farming for egg & meat production.	On	1	7	15	105	3	2	3	2	3	2	9	6
II/Aug/14	**(Income generating activity)** Backyard Poultry Farming (Layer)	To learn improved management practices on poultry farming for meat & egg production.	On	1	7	20	140	0	5	0	5	0	10	0	20
II/Sept -Oct / 14	**(Entrepreneur Development)** Paravet Vety (Vet.Frst-Aid & A.I.)	To learn about AI.& vet., First-Aid for self employment	On	1	7	20	140	5	0	5	0	5	0	15	0
III/Dec/14	**(Poultry farming)** Poultry Farming (Broiler & Layer)	To learn improved management practices on poultry farming for meat & egg production.	On	1	7	20	140	5	0	5	0	10	0	20	0

IV/Feb/15	**(Duck farming)** Duck Farming (K.C& Vigova super)	To learn improved management practices onDuck farming for egg & meat production.	On	1	7	15	105	3	2	3	2	3	2	9	6
		Total		**7**	**76**	**-**	**910**	**24**	**9**	**31**	**9**	**38**	**14**	**93**	**32**

Discipline – Fisheries

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/ June /14	**Fish seed production** Induced Breeding of Carps & Fish seed production	To learn the technique of fish breeding in Hapa & Bundh and to use of synthetic hormone & commercial prod. of fish seed	On	1	7	15	105	3	0	3	0	9	0	15	0
I/ July /14	**Resource Management** Integrated fish farming	To learn the management practices of culture of fish in ponds & Vegetables cultivation, Duck Farming on dykes	On	1	7	15	105	3	0	3	0	9	0	15	0
II/July /14	**Fish seed production** Magur seed rearing	To learn methods of Magur breeding and seed rearing practices	On	1	7	15	105	3	0	3	0	9	0	15	0
II/August/14	**(Introduction of New Technology)** Ornamental fish culture	To learn the prospect & cultural practices of Ornamental fishes	On	1	7	15	105	3	0	3	0	6	3	12	3
III/Oct /14	**Resource Management** Integrated fish farming	To learn the management practices of culture of fish in ponds & Vegetables cultivation, Duck Farming on dykes	On	1	7	15	105	3	1	3	3	3	2	9	6
		Total		**5**	**35**	**-**	**525**	**15**	**1**	**15**	**3**	**36**	**5**	**66**	**9**

Discipline – Agricultural Extension

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/ April/14	**(capacity building and group dynamics**) Formation and Management of SHG	To brings the women under formal group and make them self supported through need based enterpenureship development	On	1	7	20	140	-	6	-	6	-	8	0	20
II/June/14	**(capacity building and group dynamics)** Formation of farmers club for betterment of this community.	Brings farmers in a formal group and learn the process of formation of farmers club	On	1	7	20	140	3	2	3	2	6	4	12	8
II/Sept/14	**(Entrepreneurship Development)** Commercial Mushroom production	To know the methods of Commercial Mushroom production	On	1	7	20	140	2	1	3	2	8	4	13	7
III/ Nov/14	**(capacity building and group dynamics)** Formation and Management of SHG	To brings the women under formal group and make them self supported through need based enterpenureship development	On	1	7	20	140	-	6	-	6	-	8	0	20
III /Jan/15	**(capacity building and group dynamics)** Agro- eco system analysis through PRA tools.	To learn the PRA technique, become a expart and earn by providing his expertise to the other agencies	On	1	7	20	140	3	2	3	2	6	4	12	8
	Total			05	35	100	700	08	17	09	18	20	28	37	63

Discipline – Agricultural Engineering

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/ May/14 12-17 May	**(Care& maintenance of Farm machinery & Implements)** Improve agricultural implements, equipments, and machinery for custom and hiring.	To organize rural youth for income generation through custom and hiring	On	1	6	15	90	3	-	4	-	8	-	15	-
II/July/14 14-19 July	**(Care& maintenance of Farm machinery & Implements)** Repair and Maintenance of Power Tiller	To learn operation and maintenance of power tiller	On	1	6	15	90	3	-	4	-	8	-	15	-

III/November14 17-22 November	**(Care& maintenance of Farm machinery & Implements)** Repair and maintenance of diesel engine pump sets	To learn overhauling of diesel engine pump sets	On	1	6	15	90	3	-	4	-	8	-	15	-
IV/January/15 18-22 January	**(Care& maintenance of Farm machinery & Implements)** Repair and maintenance of diesel engine pump sets	To learn overhauling of diesel engine pump sets	On	1	6	15	90	3	-	4	-	8	-	15	-
		Total	**-**	**4**	**24**	**15**	**360**	**12**	**-**	**16**	**-**	**32**	**-**	**60**	**-**

Discipline – Plant protection

Qr. /Month /Year	**(Thematic Area)** **Title of the course**	**Course objective**	**Type of Training On/Off**	**No .of course**	**Duration (Days)**	**No .of trainee per course**	**Total Trainee days**	**Coverage**							
								SC		**ST**		**Others**		**Total**	
								M	**F**	**M**	**F**	**M**	**F**	**M**	**F**
I/June/14	Phasal suraksha mitra (Capacity building in crop protection)	Create awareness and income generation	On	1	7	20	140	4	2	5	2	5	2	14	6
II/Aug/14	(Bee Keeping) Management of Bee keeping.	Create employment to the rural youth.	On	1	7	20	140	4	2	5	2	5	2	14	6
		Total	**-**	**2**	**14**	**40**	**280**	**8**	**4**	**10**	**4**	**10**	**4**	**28**	**12**

C. Courses for in service Extension Functionaries:

Discipline – Agronomy

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/June /14	**(Organic Farming)** Orientation training on Organic Farming	To aware and learn about the Vermicompost manure with improved method for increasing farm income from their land	On	1	2	30	60	6	4	6	4	6	4	18	12
III/ Nov/14	(Seed Production) Orientation training on Seed Production	To aware and learn about improve technique of the crop seed production	on	1	2	30	60	6	4	6	4	6	4	18	12
		Total	**-**	**2**	**4**	**60**	**120**	**12**	**8**	**12**	**8**	**12**	**8**	**36**	**24**

Discipline – Horticulture

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
II / Apr / 14	**(Orchard management)** Modern technique of orchard management	To learn about the latest varieties of different fruit plants and techniques of manage mental practices of orchard.	On	1	2	30	60	10	-	12	-	8	-	30	-
II/Aug /14	**(Gardening)** Orientation training on kitchen garden	Minimize malnutrition by consuming fresh veg. produce in kitchen garden.	On	1	2	10	20	2	1	2	1	2	2	6	4
III / Oct / 14	**(Floriculture)** Orientation training on Seasonal flower gardening	To learn about the suitable varieties of winter annuals and its cultivation for beautification.	On	1	2	10	20	2	1	2	1	2	2	6	4
		Total	**-**	**3**	**6**	**50**	**100**	**14**	**2**	**16**	**2**	**12**	**4**	**42**	**8**

Discipline – Livestock Production

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/June / 14	**(Poultry management)** Orientation programme on promotion of new breeds for Backyard Poultry.	To learn about the suitable breeds of poultry birds for egg and meat production.	On	1	2	25	50	4	-	4	-	12	5	20	5
II/Sept/ 14	**(Poultry management)** Orientation programme on promotion of Quail farming	To learn about Quail Farming to meet up meat demand of small family	On	1	2	25	50	4	-	4	-	12	5	20	5
		Total		**2**	**4**	**50**	**100**	**8**	**-**	**8**	**-**	**24**	**10**	**40**	**10**

Discipline – Fishery

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
II /Aug / 14	**(Introduction of New Technology)** Orientation training on Ornamental Fish Culture	To learn the prospect & cultural practices of Ornamental fishes	On	1	2	25	50	3	2	3	2	10	5	16	9
		Total		**1**	**2**	**25**	**50**	**3**	**2**	**3**	**2**	**10**	**5**	**16**	**9**

Discipline – Agricultural Extension

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/ April/14	**(INM)** Application of Bio- Bio-fertilizer in crop protection.	To aware and learn about the Bio- fertilizer to reduced cost and improvement of quality production.	On	1	2	30	60	6	2	5	3	10	4	21	9
III / Dec / 14	**(Formation & management of SHG)** Orientation and awareness programme on Self Help Group formation.	To create an awareness on group formation and monitoring of group for establishment of self-entrepreneurship.	On	1	2	30	60	6	2	5	3	10	4	21	9
IV/Jan/15	**(Group Dynamics & farmers organization)** Orientation and capacity building to village level worker for technology dissemination in grass root level.	To develop a capacity for technology dissemination in such a way that rural people can easily access and adopt the technology in their social system.	On	1	2	30	60	6	2	5	3	10	4	21	9
IV / Mar/ 15	**(Entrepreneurship Development)** Commercial Mushroom production	To know the methods of Commercial Mushroom production	On	1	2	30	60	5	2	5	2	10	6	20	10
		Total		**4**	**8**	**120**	**240**	**23**	**8**	**20**	**11**	**40**	**18**	**83**	**37**

Discipline – Agricultural Engineering

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No .of course	Duration (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/ May/14	**(Water shed management)** Participatory watershed development	To know about Integrated watershed management techniques for watershed development	ON	1	3	12	36	3	1	2	0	4	2	9	3
II/August/14	**(custom & hiring services) Operation and maintenance of farm machinery hub for cooperatives society**	To aware about importance and use of FARM MACHINERY HUB AND ITS EFFIICIENT management	ON	1	3	12	36	3	-	3	-	6	-	12	-
III/Dec/14	**(Micro irrigation system)** Installation and maintenance of Micro irrigation system	To know the techniques water saving irrigation device through Drip & Sprinkler.	ON	1	3	12	36	2	2	2	1	3	2	7	5
IV /Feb/15	**(Improve Implements)** Popularization of improved agril implement for rice based production system	To aware about importance of using improved agricultural implements and its extrapolation	ON	1	3	15	45	1	1	2	2	7	2	10	5
		Total		4	12	51	153	9	4	9	3	20	6	38	13

Discipline – Plant protection

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No. of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/July/14	(**Phasal suraksha mitra**) Capacity building in crop protection	To create awareness and income generation	On	1	2	20	40	4	2	5	2	5	2	14	6
II/Sept/14	(**IPM and IDM**) Control of Major insect pest and diseases of paddy through IPM and IDM.	To adopt the new plant protection techniques of pest and diseases of paddy.	On	1	2	30	60	8	-	8	-	14	-	30	-
IV/Nov./14	(**IPM and IDM**) Control of Major insect pest and diseases of major pulse crop through IPM and IDM.	To adopt the new plant protection techniques of pest and diseases of major pulse crop.	On	1	2	30	60	8	-	8	-	14	-	30	-
		Total		**3**	**6**	**80**	**200**	**20**	**2**	**21**	**2**	**33**	**2**	**74**	**6**

4. FRONT-LINE DEMONSTRATION
Courses for FLD farmer:

Discipline – Agronomy

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off	No. of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I / June/14	**(Crop Production)** HYV Paddy Cultivation	To learn the improved package of practices of Paddy crop for increasing productivity per unit area and shifting the next crop at proper time	On	1	3	25	75	3	2	3	2	10	5	16	9
II/July/14	**(Crop Production)** Finger Millet and Maize Cultivation	To learn the improved package of practices of ragi and maize crop for increasing productivity per unit area and shifting the next crop at proper time	Off	1	2	25	50	3	2	3	2	10	5	16	9
III/Nov/14	**(Nutrient management)** Techniques of nutrients management in H.Y.V. Wheat production	To learn the improved package of practices of wheat production for increasing yield for their own farm of the community	Off	1	3	10	30	2	-	2	-	6	-	10	-
III / Oct/14	**(Nutrient management)** Improve package of practices in Pulse production	To learn the improved package of practices of Lentil, Green gram and Mung production for increasing yield for their own farm of the community	On	1	2	20	40	6	-	5	-	9	-	20	-
IV/Jan/ 15	**(Oilseed Production)** Improve package of practice on Oilseed production	To learn the improved package of practices of Mustard , Groundnut & Sesamum production for increasing yield for their own farm of the community	On	1	2	25	50	7	-	8	-	10	-	25	-
IV/ Jan/15	**(Oilseed Production)** Improve techniques of Groundnut cultivation in Rice based cropping systems.	To learn the alternative land use system in rice based cropping systems.	On	1	3	25	75	7	-	6	-	12	-	25	
		Total		**6**	**14**	**150**	**350**	**28**	**17**	**23**	**12**	**45**	**25**	**96**	**54**

Discipline – Horticulture

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off	No. of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
II/Sept/14	**(Vegetable production)** Improved nursery management practice for healthy vegetable seedling production	To know the improved package and practices for disease free healthy vegetable seedling production	On	1	3	20	60	03	03	03	01	06	04	12	08
III/Oct/14	**(Intercropping)** Intercropping of Tomato in newly planted Mango orchard	To know the latest Ago-techniques for intercropping of Tomato in newly planted Mango orchard	Off	1	2	25	50	04	03	04	02	08	04	16	09
1II/Oct /14	**(Physiological disorder Management)** Scientific Cultivation method of kharif Onion	To know the latest Ago-techniques for cultivation of onion in Kharif season	Off	1	2	25	50	04	03	04	02	08	04	16	09
		Total	**-**	**03**	**07**	**70**	**160**	**11**	**9**	**11**	**05**	**22**	**12**	**44**	**26**

Discipline – Livestock production

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No. of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I / May/14	**(Poultry management)** Backyard poultry farming	To learn improved management practices of Back yard poultry	On	1	2	10	20	0	3	0	3	0	4	0	10
Ii/ July/14	**(Disease Management) Disease Management in Goat Kids**	To learn improved Disease Management in Goat Kids	On	1	2	10	20	0	3	0	3	0	4	0	10
II /August/ 14	**(Piggery management)** Backyard Pig Farming	To know about improved management practices	On	1	2	5	10	0	0	0	5	0	0	0	5
III/ Oct. /14	**(Poultry management)** Quail farming	To learn improved management practices of Quail farming	on	1	2	10	20	3	0	3	0	4	0	10	0
		Total	**-**	**4**	**8**	**-**	**70**	**3**	**6**	**3**	**11**	**4**	**8**	**10**	**25**

Discipline – Fishery

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No. of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/ May /14	**(Fish Seed production)** IMC Fingerlings Production	To Learn improved management practices of Rearing pond Management	On	1	2	10	20	2	0	2	0	6	0	10	0
II/July /14	**(Composite fish culture)** Poly culture of Carp & Prawn in Seasonal pond	To Learn improved management practices on Mixed culture of carp & Prawn	On	1	2	10	20	2	0	3	0	5	0	10	0
II/Aug /14	**(Resource Management)** Magur culture in Seasonal pond	To learn the management practices of Magur culture in seasonal ponds	On	1	2	10	20	2	0	3	0	5	0	10	0
II/Aug /14	**(Introduction of New Technology)** Preparation of low-cost fish feed (using Agri. & farm waste and by-products)	To learn the cultural practices of Ornamental fishe culture in small ponds	On	1	2	10	20	1	1	2	0	3	3	6	4
		Total	**-**	**4**	**8**	**10**	**80**	**7**	**1**	**10**	**0**	**19**	**3**	**36**	**4**

Discipline – Agricultural Engineering

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No. of course	Duration (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I / May / 14	**(Micro Irrigation)Installation** and Maintenance of Drip Irrigation Kits	To know the layout and installation of drip irrigation system.	OFF	1	1	10	10	0	2	0	5	0	3	0	10
I I/ Jul/ 14	**(Care & maintenance of equipments)** Operation and Maintenance of Cono Weeder, Drum Seeder,SRI Marker	To know the process of harnessing the puddler operation and its maintenance	OFF	3	1	40	120	15	0	60	15	30	0	105	15
III / Oct. /14	**(Water Conservation)** Use of poly mulching	To learn the technique of poly mulching for crop cultivation	ON	1	1	20	20	0	0	5	3	12	0	17	3
III / Nov / 14	**(Care & maintenance of equipments)** Operation And Maintenance of Groundnut Decaticators.,reaper, digger	To learn the operation And maintenance of Groundnut Pod stripper	Off	4	1	40	160	10	0	45	0	115	0	160	0
		Total		**9**	**9**		**310**	**25**	**02**	**105**	**23**	**157**	**3**	**182**	**18**

5. Front Line Demonstrations (2014-15)

Discipline (Thematic area)	Problem based technology	Intervention point identified	Programme proposed	Critical inputs identified	Area(ha) /unit covered	Total area covered (ha)	Total cost / unit (Rs)	Share Cost	
								KVKs share (Rs)	Farmers' share (Rs)
Agronomy (Micro nutrient management)	Micronutrient application in Upland paddy	Application of micronutrient mixture	Training & Demo.	Seed, Micronutrient	(7Units)	02	1500.00	5025/-	5025/-
	Micronutrient application in Upland Maize	Application of micronutrient mixture	Training & Demo.	Seed, Micronutrient	(7Units)	02	1500.00	5025/-	5025/-
	Nutrient application in Ragi	Application of micronutrient mixture	Training & Demo.	Seed, Micronutrient	(7Units)	02	1500.00	5025/-	5025/-
	Micronutrient application in Wheat	Application of micronutrient mixture	Training & Demo.	Seed, Micronutrient	(7Units)	02	1500.00	5025/-	5025/-
Agronomy (system management)	Paddy cultivation through SRI technique	Cultivation through SRI technique	Training & Demo.	Seed, Fertilizer, PPC	(7Units)	02	1500.00	5025/-	5025/-
Agronomy (Production Management)	Unused Barren upland for unavailability of suitable crop	Introduction of Niger as a new crop at the said area.	Training & Demo.	Seed, Fertilizer, PPC	(7Units)	02	1500.00	5025/-	5025/-
Agronomy (nutrient management	Sulphur application in Mustard	Sulphur application	Training & Demo.	Sulphar Seed, Fertilizer, PPC	(7Units)	02	1500.00	5025/-	5025/-
Agronomy (disease Management)	Low yield due to tikka disease in Groundnut	Disease free seed and fungicide	Training & Demo.	Seed, fungicide	(7Units)	02	1500.00	5025/-	5025/-
Agronomy (Production Management)	Micronutrient application in Sunflower	Application of micronutrient mixture	Training & Demo.	Micronutrient, Seed, PPC	(7Units)	02	1500.00	5025/-	5025/-
	Poor yield due to traditional var. of Redgram	Quality HYV Redgram Seeds	Training & Demo.	Seed, Fertilizer, PPC	(7Units)	02	1500.00	5025/-	5025/-
	Poor yield due to traditional var.	Quality HYV Blackgram Seeds.	Training & Demo.	Seed, Fertilizer, PPC	(7Units)	02	1500.00	5025/-	5025/-
	Poor yield due to traditional var.	Quality HYV Greengram Seeds	Training & Demo.	Seed, Fertilizer, PPC	(7Units)	02	1500.00	5025/-	5025/-
Plant Protection (Disease & pest management)	Blast of paddy	Application of Fungicide	Training & Demo.	PPC	(7Units)	02	1500.00	5025/-	5025/-
	Sheath blight of paddy	Application of Fungicide & Antibiotic	Training & Demo.	PPC	(7Units)	02	1500.00	5025/-	5025/-
	Blight of potato	Application of Fungicide & Antibiotic	Training & Demo.	PPC	(7Units)	02	1500.00	5025/-	5025/-
Horticulture (crop management)	Cultivation of kharif onion	Growing of good variety onion	Training & Demo.	Good variety onion seed, PPC and Fert.	(7Units)	02	10000.00	10000/-	-
Horticulture (organic farming)	Organic veg. cultivation	Promote organic veg. cultivation	Training & Demo.	Organic manure, PPC	(7Units)	02	10000.00	10000/-	-
Horticulture (protective cultivation)	Protective veg. cultivation	Growing of off season veg into low cost poly house.	Training & Demo.	Poly house material	(7Units)	02	10000.00	10000/-	-
Horticulture (Production management)	Intercropping of turmeric in mango orchard	Introduction of intercropping system in mango orchard for utilization of space	Training & Demo.	Supply of Rhizome, PPC	(7Units)	02	10000.00	10000/-	-
Horticulture (Production management)	Quality healthy vegetable seedlings production	Introduction of improved quality planting materials of tomato, Brinjal, Chilli and cole crops	Training & Demo.	Supply of seeds, and PPC	(10units)	2.5	1500.00	5250/-	5250/-

Livestock (Back yard Poultry & Piggery management)	Regular & good egg production of poultry birds (VANARAJA)	Introduction of improved breed with healthcare management.	Training & Demo.	Supply of brooded birds,& Vaccination	10 units	10 units	600/-	5000/-	1000/-
	Low Weight gain and small liter size of dishi Pigs to be replaced by T & D	Introduction of T & D Pigs -With & health care management	Training & Demo.	Improved-Piglets Vaccination & de -worming	05units	05 units	3000/-	12500/-	2,500/-
Livestock (Disease Management) in Goat	Low Weight gain & Mortality of Kids due to worm infestation to be controlled by regular De-worming by T & D	Periodical De-worming	Training & Demo.	Vaccination & de -worming	10 units of 3 kids each	30 kids	200/-	1500/-	500/-
Livestock (Back yard Quail farming	Introduction of small birds to meet up meat demand of small family	Introduction of Japanese Quail	Training & Demo.	Brooded Quail birds	10 units of 10 Quail each	100 Quail	6,000/-	5,500	500/-
Fisheries (Fish Seed Prodn.)	IMC Fingerlings production in Small seasonal pond	IMC Fingerlings Production with proper feeding	Training & Demo.	- IMC fry & Micronutrient	(10 unit)	0.2 ha	1000/-	9000/-	1000/-
Fisheries (Composite Culture)	Poly culture of Carp & Prawn in Small pond	Introduction of Prawn Culture with carp, Proper Feeding & Management Practices	Training & Demo.	- Prawn-fingerlings	(10 unit)	0.2 ha	1000/-	9000/-	1000/-

Fisheries (Resource Management)	Magur culture in small pond	Introduction of Magur Culture with Proper Feeding & Management Practices	Training & Demo.	- Magur- fingerlings	(10 unit)	0.2 ha	1000/-	9000/-	1000/-
Fisheries (Ornamental fish Culture)	More return from small pond by Ornamental Fish Culture	Introduction of Ornamental Fish Culture with Management Practices	Training & Demo.	- Ornamental Fish	(10 unit)	0.2 ha	1000/-	9000/-	1000/-
Agricultural Engineering (Improve Agricultural implements)	1.Less Output Per Unit Land Holding 2.Higher Cost Of Production 3. Less Coverage Under Moisture Stress Condition Due To Delay In Operation	Introduction of improved agricultural implements	Demonstration	• Conoweeder (5nos) • Drum seeder (5 Nos) • Power reaper • Battery operated Sprayer (1 Unit)	1. 0.20/ unit 2. 0.40/ unit 3. 5.0ha 4. 0.50 ha/unit	1.0 2.0 5.0ha 2.0ha	1900/unit 2200/unit Rs.400/hr Rs.9500/	8550/- 9900/- Custom & Hiring 9000/-	950/- 1100/- Rs.400/Hr 500/-
	1.Burden / Drudgery On Farm Activities 2. Tedious And Time Taking 3. Poor Quality Of Produces	Introduction of improved agricultural implements	Demonstration	• Animal Drawn Potato Digger (2 units) • Animal Drawn ground nut Digger(2 units)	1.5ha/unit 2.5ha/unit	1.0 1.0	9000/unit 9000/unit	16200/- 16200/-	1800/- 1800/-
Agricultural Engineering (Water Management)	1.high Water use 2.low production 3. higher input cost	Introduction of micro-irrigation system	Demonstration	Drip irrigation kits (10 Units)	0.010ha/unit	0.100 ha	1500/unit	15000/-	3450/-
Agricultural Engineering (Water Management)	Insitu moisture stress Higher interculture cost Low yield	Introduction of poly mulching	Demonstration	Poly mulching	0.025 ha/unit	0.5 ha	750/unit	15000/-	1500/-

6. ON-FARM TESTING

ON FARM TESTING – 1

Title	**Control of Sheath Blight of Aman Paddy by using different control measures**
Problem area	Low production/Full damage of Aman Paddy due to severe attack of Sheath Blight
Important Causes	Attack of fungi and bacteria causes Sheath Blight
Thematic area	Disease management
Production System	Rice – Potato-Vegetables,
Micro farming situation	Rain fed Medium land
Technology for testing	Fungicide and antibiotic application for control the disease
Objectives	To control the disease effectively and enhance the yield of paddy
Hypotheses	Poor yield of paddy in kharif season
Existing practice	Foliar application of fungicide like mancozeb
Intervention plan.	**Farmers practice:** Foliar application of mancozeb **Technology Option-I:** spraying of Carbendazim 50% wp @ 1gm. + Validamycin 3% L @ 1ml / lt. water **Technology Option-II:** spraying of *Trichoiderma viridi* 1.15 % wp @ 3 gm. + *Pseudomonous fleorescens* 0.5 WP @ 1gm. / lt. water
Source of technology	ICAR research
Design	RBD
Critical inputs	Seed , Fungicide and antibiotic
Unit size / Plot size	1000 sq .mt / plot,
Replications	10 farmers (3 plot each)
Unit cost	Rs. 500/-
Total cost	Rs. 15,000/-
Monitoring indicators	% of disease infestation, efficacy of treatments, yield per ha. Net return per unit area and Benefit cost ratio

ON FARM TESTING -2

Title	**Control of fruit fly in Bitter Gourd through different method in kharif season**
Problem area	Low production of fresh Bitter Gourd due to heavy attack of fruit borer
Important Causes	Fruit borer attack
Thematic area	Pest management
Production System	Rice – Vegetable-fellow,
Micro farming situation	Irrigated Medium land
Technology for testing	Integrated Pest management in Bitter Gourd
Objectives	To control the pest effectively and enhance yield of fresh Bitter Gourd and environment safe
Hypotheses	Low yield of fresh Bitter Gourd in kharif season
Existing practice	Imbalance Spraying of Endosulfan @ 2ml/lit of water
Intervention plan.	**Farmers practice:** Spraying of Endosulfan @ 2ml/lit of water **Technology Option-I:** Use of poison bait (Gur 100 gm + wheat barn 200 gm + 20 ml Novaluron + 200 ml water). **Technology Option-II:** Spraying of Flubendiamide 39.35 EC @ 0.3 ml/ lit of water.
Source of technology	ICAR research bulletin
Design	RBD
Critical inputs	Seed , fertilizer and Insecticide
Unit size / Plot size	600 sq .mt/ plot,
Replications	10 farmers (3 plot each)
Unit cost	Rs. 400/-
Total cost	Rs. 12,000/-
Monitoring indicators	% of infestation, yield per ha. Net return per unit area and Benefit cost ratio

ON FARM TESTING – 3

Title	**Control of Potato tuber moth in field condition**
Problem area	Low production of potato tuber due to heavy attack of tuber moth
Important Causes	Tuber moth attack
Thematic area	Pest management
Production System	Rice – Potato-Vegetables,
Micro farming situation	Irrigated Medium land
Technology for testing	Integrated Pest management in Potato
Objectives	To control the pest effectively and enhance yield of potato tuber
Hypotheses	Low yield of potato in rabi season
Existing practice	Foliar application of insecticide like chloropyriphos
Intervention plan.	**Farmers practice:** Foliar application of chloropyriphos **Technology Option-I:** Soil application of chloropyriphos 20 EC @ 1 lit/ha. with water in last two irrigation **Technology Option-II:**Soil application of Fenvalerate 20EC @ 375 ml/ha. with water in last two irrigation
Source of technology	ICAR research
Design	RBD
Critical inputs	Seed tuber, fertilizer and Insecticide
Unit size / Plot size	600 sq .mt/ plot,
Replications	10 farmers (3 plot each)
Unit cost	Rs. 500/-
Total cost	Rs. 15,000/-
Monitoring indicators	% of pest infestation, yield per ha. Net return per unit area and Benefit cost ratio

ON FARM TESTING – 4

Title	**Effect of different type of mulching material on the yield of tomato in Rabi Season**
Problem area	Scarcity of irrigation water effect the yield of tomato
Important Causes	Scarcity of irrigation water.
Thematic area	Water management
Production System	Rice – Vegetable-F allow
Micro farming situation	Irrigated Medium land
Technology for testing	Effect of different method of mulching
Objectives	To enhance the water use efficiency.
Hypotheses	Mulching may enhance the water use efficiency in tomato and increase the yield
Existing practice	Flood irrigation without mulching
Intervention plan.	**Farmers practice**- Flood irrigation without mulching and need based irrigation **Technology option-1** - mulching with Jute Felt and need based irrigation **Technology option-II -** Poly mulching and need based irrigation **Technology option-III-** Straw mulching and need based irrigation
Source of technology	NIRJAFT, Kolkata
Design	RBD
Critical inputs	Seed and mulching material
Unit size / Plot size	100 sq .mt/ plot,
Replications	10 farmers (4plot each)
Unit cost	Rs. 500/-
Total cost	Rs. 20,000/-
Monitoring indicators	No. of irrigation, weed population/sq.m, Plant height (cm.),No.of fruits /plant, av.fruit wt. in gm., Yield (t/ha), Net return per unit area and Benefit cost ratio

ON FARM TESTING – 5

Title	**Control the Brown Spot of Boro Paddy by using different Fungicides**
Problem area	Low production of Boro Paddy due to infestation of brown spot disease
Important Causes	Attack of fungi
Thematic area	Disease management
Production System	Rice – Potato-Vegetables,
Micro farming situation	Irrigated Medium land
Technology for testing	Fungicide application for control the disease
Objectives	To control the disease effectively and enhance the yield of Boro paddy
Hypotheses	Low yield of Boro Paddy
Existing practice	Foliar application of fungicide like Dithene M 45
Intervention plan.	**Farmers practice:** Foliar application of Dithene M 45 **Technology Option-I:** spraying of Propiconazole25% EC @ 1ml / lt. water **Technology Option-II:** spraying of *Trichoiderma viridi* 1.15 % wp @ 3 gm. / lt. water
Source of technology	ICAR research
Design	RBD
Critical inputs	Seed , Fungicide and antibiotic
Unit size / Plot size	1000 sq .mt / plot,
Replications	10 farmers (3 plot each)
Unit cost	Rs. 500/-
Total cost	Rs. 15,000/-
Monitoring indicators	% of disease infestation, efficacy of treatments, yield per ha. Net return per unit area and Benefit cost ratio

ON FARM TESTING – 6

Title	**Assessment of performance of poly mulching in Groundnut to enhancing the yield during Rabi-summer season under medium land situation in Red & Lateritic areas of Paschim Medinipur District.**
Problem area	Low productivity of Groundnut in medium land due to scarcity of water
Important Causes	Low yield of Groundnut due to scarcity of water in Red and lateritic soil.
Thematic area	Crop management & Water management.
Production System	Rain fed small production system.
Micro farming situation	Rainfed medium land situation.
Technology for testing	Effect of black polythene mulching in Groundnut production.
Objectives	To standardize improved package of practice by using black polythene mulching in Groundnut to enhance productivity as well as to minimize water requirement.
Hypotheses	By using black polythene mulching yield can be enhanced upto 50% and water saving upto 40%.
Existing practice	Farmers do not use and type of mulching materials
Intervention plan.	**Farmers practice:** No mulching **Technology Option –I:** Poly mulching(15 micron thickness) **Technology Option-II:** Straw mulching
Source of technology	State Agricultural University
Design	RBD
Critical inputs	Seed, fertilizer, manure, Black polythene, straw and PPC
Unit size / Plot size	600 sq .mt/ plot,
Replications	10 farmers (3 plot each)
Unit cost	Rs. 500/-
Total cost	Rs.15000/-
Monitoring indicators	Germination%, Number of irrigation, No of pods/plant, Pod yield(Kg/ha)

ON FARM TESTING – 7

Title	**Assessment of performance of different Duck breeds in Backyard system.**
Problem area	Low egg production and growth in backyard system
Important Causes	Poor genetic stock and lack of health management.
Thematic area	Breed Diversification
Production System	Backyard Duckery Production
Micro farming situation	Backyard Deshi Duck rearing
Technology for testing	Replacement of improved breeds with proper health care management.
Objectives	To assess the suitability of backyard breed for optimal growth & egg production.
Hypotheses	Introduction of appropriate breed and health care management will enhance growth & egg production by 50%
Existing practice	Free Range farming of Deshi Duck with vaccination.
Intervention plan	**Farmers Practice** = Deshi Duck with D.P vaccination. **Technology Option I** = K.C Duck with D.P & D.C Vaccination **Technology Option II** = Indian Runner Duck with D.P & D.C Vaccination.
Source of technology	WBUAFS.
Design	RBD
Critical inputs	1. Brooded Ducklings, 2. De-wormer, 3. Vaccines.
Unit size / Plot size	1. 10 nos Brooded Ducklings
Replications	10 farmers
Unit cost	Rs. 1000 /-
Total cost	Rs. 10000/-
Monitoring indicators	Average weight at maturity & Egg production, health status & B.C ratio.

ON FARM TESTING – 8

Title	**Study on effect of 'De-wormer & Mineral mixture' to improve the kidding performance of Black Bengal Goat.**
Problem area	Poor conception rate and less no. of live kid of Goat in free rearing system
Important Causes	Lack of nutrient and health management.
Thematic area	Nutrient Management
Production System	Free range system of Goat rearing
Micro farming situation	Black Bengal Goat rearing in free range system.
Technology for testing	Feeding of De-wormer and Mineral mixture in free range system of Goat rearing.
Objectives	To assess the increase in conception percentage and to improve the kidding performance.
Hypotheses	Feeding of De-wormer and Mineral mixture in free range system of Goat rearing may improve the kidding performance by 30%
Existing practice	Free Range rearing of Black Bengal Goat without De-wormer and Mineral mixture supplementation.
Intervention plan	**Farmers Practice** = Black Bengal Goat rearing in free range system without De-wormer and Mineral mixture. **Technology Option I** = Black Bengal goat rearing in free range system with de-wormer (Oxyclozanide). **Technology Option II** = Black Bengal goat rearing in free range system with de-wormer (Oxyclozanide) and mineral mixture supplement.
Source of technology	WBUAFS.
Design	RBD
Critical inputs	1.De-wormer. de-wormer (Oxyclozanide) 2. mineral mixture supplement.
Unit size / Plot size	1 Doe /treatment, so 3 Doe to each farmer.
Replications	10 farmers
Unit cost	Rs. 400/-
Total cost	Rs. 12000/-
Monitoring indicators	Increase in % of conception, health status & B.C ratio.

ON FARM TESTING – 9

Title	**Assessment of different Methods of IMC Fry production.**
Problem area	Poor growth rate of fish fry in Nursery pond
Important Causes	Improper management practices.
Thematic area	Nutrient management
Production System	Nursery pond management.
Micro farming situation	Raising of IMC Fry from spawn in small pond
Technology for testing	Phase Manure Method.
Objectives	To assess the performance of use of manure in phages on growth of fry in nursery pond.
Hypotheses	Use of manure in phages may promote faster growth of fry in nursery pond
Existing practice	Fish seed rising are being practiced in small ponds (Av. Area-0.08 to 0.16 ha) using meager quantity of manure before stocking of spawn.
Intervention plan.	**Farmers Practice** = Pre stocking Application of MOC. **Technology Option I** = Pre stocking Application of cow dung manure @ 5000 kg/ha **Technology Option II** = Use of mixture of cow dung manure+ MOC 500 kg./ha + SSP 150 kg./ha in 8 phage till harvesting
Source of technology	CIFRI
Design	RBD
Critical inputs	Mustard Oilcake, Cow Dung, SSP.
Unit size / Plot size	0.04 ha.
Replications	6
Unit cost	Rs. 500/-
Total cost	Rs. 5000/-
Monitoring indicators	Average growth rate (Length & Weight) of fry

ON FARM TESTING – 10

Title	**Study on effect of 'Garlic Paste' to Control Mixosporediosis in Catla**
Problem area	High mortality of Fingerlings & growing Catla
Important Causes	High Stocking density, Poor management.
Thematic area	Disease Management
Production System	Composite fish culture.
Micro farming situation	High density Culture of Catla, Rohu, Mrigal, Silvercarp, Common Carp with minimal use of Feed
Technology for testing	Dip treatment of infected fish in 5 ppm garlic solution.
Objectives	To assess the effect of garlic solution in control of Mixosporediosis in Catla
Hypotheses	Dip treatment of infected fish in 5 ppm garlic solution. may control of Mixosporediosis in Catla
Existing practice	Use of tamarind twigs or Banana stem in pond.
Intervention plan	**Farmers Practice** = They put few tamarind twigs or Banana stem in pond. **Technology Option I** = Killing of infected fish +liming in pond +dip treatment in 1:3000 $KMnO_4$ Solution + minimize stocking density + Supplementary feeding @ 3% of total stock **Technology Option II** = Alternative dip treatment of infected fish in 1:3000 $KMnO_4$ Solution + 3% saline solution **Technology Option III** = Dip treatment of infected fish in 5 ppm garlic solution+ liming in pond+ minimize stocking density + Supplementary feeding @ 3% of total stock
Source of technology	CIFRI.
Design	RBD
Critical inputs	$KMnO_4$, Garlic, Lime
Unit size / Plot size	0.04 ha.
Replications	6
Unit cost	Rs. 250/-
Total cost	Rs. 6000/-
Monitoring indicators	% of control of disease B.C ratio.

ON FARM TESTING – 11

Title	**Assessment of performance of Turmeric and Lime mixture in control of ulcer, Tail and fin rot of Fish.**
Problem area	High mortality of fish in culture pond
Important Causes	Bacterial infection & improper management practices.
Thematic area	Disease management
Production System	Composite fish culture.
Micro farming situation	Culture of Catla, Rohu, Mrigal, Silvercarp, Common Carp with minimal use of Feed & lime.
Technology for testing	Use of Lime & Turmeric mixture in split doses.
Objectives	To assess the performance of Lime & Turmeric mixture for control of fish disease in fish pond.
Hypotheses	Application Lime & Turmeric mixture may control bacterial infection in fish and increase in production by 10-15%.
Existing practice	Fish culture are being practiced in small ponds (Av. Area-0.16 to 0.33 ha) with one time application of lime @ 75 - 80 kg/ha
Intervention plan.	**Farmers Practice** = One time application of lime @ 75 - 80 kg/ha during total culture period. **Technology Option I** = Use lime @ 90 kg / ha & antibiotic in feed @ 1 gm / kg feed for 7 days **Technology Option II** = Use lime @ 90 kg + turmeric pest 9 kg / ha. Followed by Geolite powder @ 40 kg/ha.
Source of technology	CIFA & WBUAFS
Design	RBD
Critical inputs	Lime, Antibiotic, Turmeric powder, geolite powder.
Unit size / Plot size	0.04 ha.
Replications	6
Unit cost	Rs. 500/-
Total cost	Rs. 9000/-
Monitoring indicators	% of recovery & per hectare production

ON FARM TESTING - 12

Title	**Assessment of Performance of Different diggers for Potato Cultivation**
Problem area	Low profitability of potato cultivation due to higher input cost on digging.
Important Causes	Potato is being dug out by manual resultant higher input cost and low profitability of Potato/groundnut cultivation.
Thematic area	Use of Animal operated production tools/ equipments
Production System	Potato based small production System
Micro farming situation	Up /medium land
Technology for testing	Animal drawn potato digger
Objectives	To reduce the cost of digging.
Hypotheses	By introduction of Animal drawn potato digger field capacity would be enhanced by 80%and man -hours would be reduced by 80%
Existing practice	manual harvesting by spade
Details of technologies for assessment.	**Farmers practice:** manually by spade **Technology Option –I:** animal drawn potato digger **Technology Option-II:** Hand drawn potato digger
Source of technology	IIT, Kharagpur, CIAE, Bhopal
Design	RBD
Critical inputs	animal drawn potato digger, hand drawn potato digger
Unit size / Plot size	1ha
Replications	10 farmers
Unit cost	10000
Total cost	Rs. 20000/-
Monitoring indicators	Speed, Time, Field capacity, Man-hours/ha, cost of operation Rs/ha, yield, cost saving.

ON FARM TESTING - 13

Title	**Feasibility assessment of Drip irrigation system for vegetables cultivation in homestead area.**
Problem area	Higher cost of production, as well as less output.
Important Causes	Lack of irrigation water availability, low water use efficiency, and low yield
Thematic area	Micro Irrigation System.
Production System	Vegetable kitchen gardening
Micro farming situation	Up land
Technology for testing	100m^2 Jain Drip kits.
Objectives	To reduce cost of operation, water saving, optimal use of water and increased yield.
Hypotheses	By using drip irrigation kit water use efficiency would be enhanced by 40%.
Existing practice	Manually by bucket.
Details of technologies for assessment.	**Farmers practice:**. Manual by bucket **Technology Option –I:** 100m^2 drip kits **Technology Option-II:** Perforated plastic bottle dripping
Source of technology	IIT, Kharagpur,
Design	RBD
Critical inputs	100m^2 jain drip kits-10 nos, perforated plastic bottles
Unit size / Plot size	100m^2 area per replication
Replications	10 farmers
Unit cost	Rs.2000/-
Total cost	Rs. 20,000/-
Monitoring indicators	Increase in yield, water use efficiency, B.C ratio, economics

ON FARM TESTING - 14

Title	**Assessment of impact on different training methods for adoption of technology.**
Problem area	Low retention of propagation techniques of mango at the implementation phase.
Important Causes	Application of ineffective training methodology.
Thematic area	Training methodology
Production System	Training environment.
Micro farming situation	-
Technology for testing	Different combination of training methodology.
Objectives	To identify appropriate training methodology for higher retention of skill sets.
Hypotheses	Combined application of training methodologies may lead to higher retention of skill sets associated with Propagation techniques of Mango.
Existing practice	Lecture methods only
Intervention plan	**Farmers practice:** Theoretical lecture **Technology Option –I:** Lecture + Interactive demonstration **Technology Option-II:** option – I + visual chart and photographs
Source of technology	BCKV
Critical inputs	Different Training methodology
Design	RBD
Unit size / Plot size	10 persons/ group
Replications	30 groups
Unit cost	500
Total cost	15000
Monitoring indicators	Knowledge, skill, % of retention on particular topic & post training application

7. Varietal Trial

Sl. No.	Crop / enterprises	No. Of varieties	Area (ha)	Season	Source of seeds/breed
1.	Brinjal	5	0.2	Autumn-winter	AICRP on Vegetable Crops, BCKV
2.	Low/ Medium land paddy	2	0.1	Kharif	RAU,Pusa,Bihar
3.	Up land Rice	2	0.4	Kharif	CRRI Chunchura,WB
4.	Tomato	4	0.4	Rabi	PDVR,Vanaras, UP
5.	Potato	4	0.4	Rabi	CPRI,Kufri
6.	French Beans	3	0.2	Rabi	PDVR,Vanaras, UP
7.	Chili	4	0.2	Autumn-winter	PDVR,Vanaras, UP
8.	Sesamum	8	0.8	Rabi -Summer	AICRP,Jabbalpur

8. Activities in instructional farm / development units:

Agronomy unit

Sl.No.	Enterprise	Season	Area (ha)	Unit / No	Component of technology
1	Paddy Seed production	Kharif	4 .0	-	Seed Production of HYV Paddy, MTU-7029
2	Maize Seed production	Kharif	0.25	-	HQPM
3	Redgram Seed production	Kharif	0.25	-	ICPL-87119
4	Potato Seed production	Rabi	1.0	-	K. Jyoti, K. Pokhraj & K. Chandramukhi
5	Sesame Seed production	Rabi-Summer	1.0	-	T- 23,T- 25 & IC – 205457
6	Finger millet Seed production	Kharif	0.25	-	GTU-28
7	Niger Seed production	Late Kharif	0.4	-	Birsa Niger-2
8	Daincha Seed production	Kharif	0.4	-	Improved Selection
8	Vermi Compost Preparation	Round the year	5400 sqft.	10'x4'x3'sized 45 pits	Earthworm Var. *E. fotida*

Horticulture Unit

SL.No.	Crop/Enterprise	Season	Area (ha)	Unit /No	Component of technology
1.	Production of Forest saplings (Eucalyptus, Akashmoni, Gamar, Sisso, Teak and Mahagini etc.	Kharif	6.0	120,000 no.	Sapling raising of good varieties in poly house and polythene pack rearing with scientific nursery management technique.
2.	Production of Fruit plants-Mango, Guava, Papaya, Citrus, Jack fruit and cashew nut	Kharif	2.0	20,000 no.	Veneer grafted, Air layered plant

3.	Production of Turmeric (Seed Rhizome)	Kharif	1.0	-	Production of good variety Turmeric Rhizome (Saguna)
4.	Elephant foot Yam	Kharif	1.0	-	Production of good variety Seed Rhizome (Gagendra)
5.	Production of vegetable seedlings	Throughout the year	4.0	200,000 no.	Protected nursery management.
6.	Production of flower seedlings	Round the Year	0.2	50,000 no.	Protected nursery management.
7.	Ornamental plant	Round the year	0.1	5000 no.	Cutting
8.	Vegetable production	Round the year	2.0	-	Production of fresh vegetables through judicious application of nutrients and PPC

Livestock Unit

Sl.No.	Enterprise	Season	Area (ha)	Unit No	Component of technology
1	Poultry (Meat Production)	Round the year	2unit	500 birds x 2 = 1000 no.	Proper Brooding, Feeding & Health Care
2	Poultry (Supply of Chick)	Round the year	6unit	500 birds x6 =3000 no.	Proper brooding , feed management , health care & vaccination , Breed – RIR & Vanaraja
3	Poultry (Supply of Ducklings)	Round the year	6 unit	500 birds x6 =3000 no	Proper brooding , feed management , health care & vaccination , Breed – K.C

Fishery unit

Sl.No.	Enterprise	Season	Area (ha)	Quantity	Component of technology
1	Fish seed (Spawn of IMC) production programme	Pre Kharif-Kharif	Hatchery	15 lakhs	Modern hatchery,Use of Pituitary analog & Proper health care
2	Fish fingerlings production	Kharif	0. 31 ha	50000	Optimal stocking (IMC),Proper feeding & Health care
3	Magur seed production	Kharif	0.08	5000	Optimum stocking ,Proper feeding & Health care
4	Table fish production	Kharif to Summer	0. 4	250 kg	Optimum stocking ,Proper feeding & Health care

9. Different supporting programme to the farming community

S.L. No.	Enterprise	Season	List of the critical inputs to be supplied /procured/ generated
1.	Agro-service center	Round the year	➢ Seed-wheat, paddy, groundnut, mustard, sesamum, lentil, moong ,blackgram, flowers seeds ➢ Planting Materials- fruits, vegetables, flowers, forest, medicinal ➢ Livestock – K.C.Hit CARI, CARI Shyama, IMC-seeds, Magur-seeds, prawn-seeds and Hatching eggs ➢ Fertiliser- M.C.,V.C., urea, MOP, SSP, DAP, Sufala, and micro nutrient ➢ Pesticide- Metacide, Rogor, ace-tuf, bavistine, blitox, dithene M-45, dusburn ➢ Growth regulators- Plano fix, rotex,arodex ➢ Custom & Hire service- Powertiller,sprayer & duster, paddy thresher, Tractor, Rotabrator, Groundnut de corticator cum stripper, paddy puddler etc.
2.	Village seed production programme	Seasonal basis	➢ Groundnut, Mustard, Paddy, Lentil, Sesamum,
3.	Animal /Crop/soil healthcare camp	Seasonality basis	➢ FMD, BQ, HS, Ranikhat, Duck Plague, enterotoxaemia ,fish bacterial disease, worm infestation, paddy stem borer ,rice blast, late and early blight of potato, brinjal stem and fruit borer, aphid, mango leaf hopper, coconut stem borer, soil testing,
4.	Technology week celebration cum Krishi Mela O Pradarshani	Winter	➢ Exhibition, ex-trainees meet, Agril. Quiz, Rural sports. craft .and rural technology. ➢ Cultural, educational competition
5.	Observance day	Occasion	➢ World food day, productivity week , kishan dibash, World environment day, Aranya sapthah, Prani sampad sapthah , Agriculture women's day, International women's Day etc and Death university of Prof. P. K. Sen, the founder of SBKVK.

COLLABORATIVE PROGRAMME WITH OTHER GOVERNMENT ORGANISATIONS

Agricultural Technology Management Agency

Sl.No.	Programme	Activities / Sub activities	No of Programme	Remarks
1	Different activities under ATMA Project of East & West Midnapur	Training, Demonstration, FFS, Exposure Visit, etc.	Training-25 Demo.-15 Exp. Visit-2 TAR-5	Working in collegiate mode of operation
2	Promotion of jute felt for augmentation of agricultural productin and income generation under NIRJAFT, Kolkata	Training, Demonstration	Training-10 Demo.-5	Working in collegiate mode of operation
3	RKVY	Demonstration	10 unit	Working in collegiate mode of operation
4	MGNREGA	Waste land management through Orchard development	8 ha	Working in collegiate mode of operation
5	AICRP(Oil Seed)	FLD on Sesamum and Niger	10 ha	Working in collegiate mode of operation
6	NHM West Midnapur	Demo on Vermi composting	05 unit	Working in collegiate mode of operation
6	Water Shed Development programme of NABARD,	Providing technical support only	1205 ha	Working in collegiate mode of operation

DEMAND FOR FUND TO BE FILLED BY THE AUTHORIZED OFFICER OF THE GUARANTEE FOR RELEASED FOR INSTALLATION FOR CENTER FOR THE FINANCIAL YR 2014-15

Name of the KVK : SEVA BHARATI KRISHI VIGYAN KENDRA
Name of the Centre : Seva Bharati, P.O. Kapgari, Dist. Paschim Medinipur, W.B., PIN-721 505.
Name of SAU/Organization : Seva Bharati

1. Balance available (+) due to the Council (-) due from Council as on 31.3.2014 : (+)
2. Council's share of receipt during the period from 1.4.20114 to 31.3.2015 : Nil
3. Council's share of Expenditure :

Sl. No.	Item of Expenditure	Actual Expenditure in this Scheme from 1.4.2013 to 31.3.2014	Anticipated Expenditure from 1.4.2014 to 31.3.2015	Recommended by BE/SMD
1	2	3	4	5
A.	RECURRING:			
1.	**Pay & Allowances**	60,68,338.00	89,51,274.00	
2.	**TA/DA**	1,00,000.00	1,50,000.00	
3.	**H.R.D.**	50,000.00	1,00,000.00	
4.	*Contingencies:*			
	(a) Stationary, Telephone, Electricity, etc.	3,54,859.00	4,00,000.00	
	(b) POL, Repairing of Vehicle/Tractor, etc.	1,45,141.00	2,50,000.00	
	(c) Trg. of Farmers/Farm Women	1,21,342.00	1,50,000.00	
	(d) Trg. of Rural Youth	1,04,240.00	1,50,000.00	
	(e) Training of Extn. Functionaries	14,014.00	50,000.00	
	(f) Training Material	60,404.00	1,00,000.00	
	(g) On-farm Testing	1,00,010.00	2,00,000.00	
	(h) Front Line Demonstration	1,49,990.00	2,00,000.00	
	(i) Maintenance of Building	50,000.00	2,50,000.00	
	Total (A)	**73,18,838.00**	**1,09,51,274.00**	
B.	NON-RECURRING:			
5.	**Boundary Wall**	-	52,85,900.00	
6.	**Equipments/Furniture**	-	3,00,000.00	
7.	**Library**	-	1,00,000.00	
8.	**Extn. of Advt. Building (200 sqm.)**	**-**	30,00,000.00	
9.	**Farmers' Hostel (300 sqm.)**	**-**	45,00,000.00	
10.	**Staff Quarter (400 sqm.)**	**-**	55,00,000.00	
11.	**Vehicle & Implementation Shed**	**-**	10,00,000.00	
12	**New Vehicle**		10,50,000.00	
13.	**Road Formation**	**-**	3,00,000.00	
14.	**Land Leveling**	**-**	5,00,000.00	
	TOTAL (B) :	**-**	**21,15,35,900.00**	
	GRAND TOTAL (A+B) :	**73,18,838.00**	**3,24,87,174.00**	

- **Total amount required from Council after adjusting amount 1 & 2 above: Rs. 3,24,66,012.00**
- Audited Certificate for the financial year 2013-14 has been sent to the ZPD vide letter No. SBKVK/Demand-3/ /2014-15 dated _____.
- It is certified that the Council's P.F. Contribution is claimed in accordance with Clause-II of scheduled of terms & conditions governing the grants from Council.
- Progress Report from previous year 2013-14 has been already submitted to the ZPD, Zone-II vide our Memo No. SBKVK/E-1/ /2014-15 dated 4.4.2014 (by hand)

Programme Coordinator
Seva Bharati Krishi Vigyan Kendra

President
Seva Bharati