

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.
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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	21° 47' - 23° 00' North Latitude 86° 40' - 87° 52' East Longitude

CONCEPT

The Krishi vigyan kendra is a grass-root level institution designed and developed to impart need-based and skill-oriented short and long-term vocational training courses to the farmers/farm women. The concepts of the Krishi vigyan kendra are as follows.

1. The Kendra will impart Learning through work experience and hence will be concerned with technical literacy, the acquisition of which does not necessarily require as a precondition, the ability to read and write.
2. The Kendra will impart training to those extension workers who are already employed or to practicing farmers and fishermen.
3. There will be no uniform syllabus for a Kendra. The syllabus and programme of each kendra will be tailored according to the felt needs,
4. Natural resources and potential for agricultural growth in particular area.

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 : 21⁰ 47'N - 23⁰ 00'N
Longitude : 86⁰ 40'E - 87⁰ 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 – 42⁰ C Maximum and 10.3 -27.6⁰ 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 lateritic soil of 6 blocks of Midnapur sadar
AES-II	Vindhya Alluvial soil comprises of 5 blocks of Ghatal
AES-III	Red lateritic soil comprises of 8 blocks of Jhargram
AES-IV	Vindhya Alluvial and part red lateritic 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, 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 2013-14 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 pisciculture	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 return	Poor marketing facility, poor storage facility of the veg. and veg. products, high interest of loan by the money renders, havoc of the middleman

OUR THRUST

- ▣ 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
- ▣ Women empowerment through SHG
- ▣ Formation & strengthening of Farmers Club
- ▣ Self employment of unemployed Rural Youth through skill development training
- ▣ Waste land development through Orchard development
- ▣ Adoption of suitable Agricultural technologies with respect to changing climate

1. FARM ADVISORY AND OTHER ACTIVITIES (APRIL, 2013 to MARCH, 2014)

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	O	SC	ST	O	SC	ST	O	SC	ST	O
					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																
1.1.1. Oilseed	02ha	-	04ha	04ha	5-0-5	5-0-5	8-0-8	-----	-----	-----	10-0-10	10-0-10	22-0-22	8-0-8	8-0-8	20-0-20
1.1.2. Pulses	02ha	02ha	02ha	02ha	4-0-4	4-0-4	10-0-10	4-0-4	4-0-4	10-0-10	4-0-4	4-0-4	10-0-10	4-0-4	4-0-4	10-0-10
1.2.3. Other Demons.																
• Cereals																
Paddy,	02ha	-----	-----	-----	5-0-5	5-0-5	5-0-5	-----	-----	-----	-----	-----	-----	-----	-----	-----
Wheat	-----	-----	02ha	-----	-----	-----	-----	-----	-----	-----	5-0-5	10-0-10	-----	-----	-----	-----
Potato	-----	-----	02ha	-----	-----	-----	-----	-----	-----	-----	4-0-4	6-0-6	8-0-8	-----	-----	-----
• Horticulture																
Onion	2ha	-----	-----	-----	3-0-3	4-0-4	5-0-5	-----	-----	-----	-----	-----	-----	-----	-----	-----
Tomato	-----	2ha	-----	-----	-----	-----	-----	4-0-4	4-0-4	6-0-6	-----	-----	-----	-----	-----	-----
Vegetables	-----	-----	2.5ha	-----	-----	-----	-----	-----	-----	-----	4-0-4	6-0-6	2-0-2	-----	-----	-----
• Livestock																
Backyard Poultry	5 no	-----	5 no	-----	0-2-2	0-3-3	-----	-----	-----	-----	-----	-----	5-0-5	-----	-----	-----
Pig	-----	5 n0	-----	-----	-----	-----	-----	-----	3-2-5	-----	-----	-----	-----	-----	-----	-----
• Fishery																
Poly culture fish & Prawn	-----	0.4haa	-----	-----	-----	-----	-----	1-0-1	1-0-1	3-0-3	-----	-----	-----	-----	-----	-----
Magur cultivation	-----	0.4ha	-----	-----	-----	-----	-----	1-0-1	1-0-1	3-0-3	-----	-----	-----	-----	-----	-----
Fish Feed	-----	-----	0.4ha	-----	-----	-----	-----	-----	-----	-----	1-0-1	1-0-1	3-0-3	-----	-----	-----
• Engineering																
Puddler	-----	0.33ha	-----	-----	-----	-----	-----	2-0-2	2-0-0	6-0-6	-----	-----	-----	-----	-----	-----
SRI marker	-----	0.50ha	-----	-----	-----	-----	-----	2-0-2	3-0-3	5-0-5	-----	-----	-----	-----	-----	-----
Conoweeder	-----	0.50ha	-----	-----	-----	-----	-----	2-0-2	3-0-3	5-0-5	-----	-----	-----	-----	-----	-----
Drumseeder	-----	0.33ha	-----	-----	-----	-----	-----	1-0-1	2-0-2	5-0-5	-----	-----	-----	-----	-----	-----
Sickles	-----	-----	50 no	-----	-----	-----	-----	-----	-----	-----	0-10-10	0-25-25	0-15-15	-----	-----	-----
Hand seeddril	-----	-----	0.03ha	-----	-----	-----	-----	-----	-----	-----	0-2-2	0-5-5	3-0-3	-----	-----	-----
Groundnut Decorticator	-----	2 no	-----	-----	-----	-----	-----	5-2-7	3-2-5	5-0-5	-----	-----	-----	-----	-----	-----
Dry Land Weeder	-----	-----	0.33ha	-----	-----	-----	-----	-----	-----	-----	-0-2-2	0-2-2	0-2-2	-----	-----	-----
Maize Sheller	-----	10 no	-----	-----	-----	-----	-----	0-5-5	0-5-5	-----	-----	-----	-----	-----	-----	-----
Animal Drawn Digger	-----	-----	-----	0.33ha	-----	-----	-----	-----	-----	-----	-----	-----	-----	2-0-2	2-0-2	5-0-5
• Home Science																
Kitchen Garden	-----	10 no	----	----	-----	-----	-----	0-4-4	0-4-4	0-2-2	-----	-----	-----	-----	-----	-----

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	O	SC	ST	O	SC	ST	O	SC	ST	O
					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	3	3	3	3-2-5	2-3-5	12-4-16	24-6-30	20-5-25	58-12-70	4-2-6	3-1-4	14-4-18	18-12-30	22-3-25	80-15-90
• Horticulture	----	2	4	3	4-3-7	3-2-5	10-2-12	22-3-25	28-6-34	28-12-40	5-3-8	7-2-9	42-10-52	6-4-10	7-3-10	35-5-40
• Livestock	-----	-----	1	2	-----	-----	-----	-----	-----	-----	5-5-10	5-5-10	20-5-25	5-5-10	35-15-50	20-5-25
• Fisheries	-----	-----	2	5	-----	-----	-----	-----	-----	-----	10-0-10	20-0-20	35-10-45	15-5-20	20-5-25	60-15-75
• Agril.engineering	-----	5	4	1	-----	-----	-----	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
• Home Science																
• Agril.Extension																
• Plant Protection																
1.3. Exhibition	-----	-----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1000	1100	2100
1.4. Diagnostic Service																
1.4.1. Scientists' visit	22	12	15	25	35-20-50	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	40-15-65
1.4.2. Farmers' visit	40	45	45	35	115-30-95	80-20-80	99-15-145	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
1.4.3 PRA	1	21	-	2	20-10-30	15-5-20	10-10-20	30-10-40	20-10-30	30-10-40	35-10-45	20-10-30	40-10-50	40-10-50	30-10-40	50-10-60
1.5. Clinic Centre	7	6	3	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	1	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	304
1.9.1.Radio/TV talk	1	4	5	3												

2. EXECUTIVE SUMMARY OF THE TRAINING PROGRAMME (APRIL, 2013 TO MARCH, 2014)

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	6	150	5	150	450	300	-	-	-	-	450	300
	RY	5	75	-	-	-	-	525	-	-	-	525	-
	EF	2	40	-	-	-	-	-	-	120	-	120	-
	Total	13	265	5	150	450	300	525	-	120	-	1095	300
• Horticulture	PF/PWF	6	175	6	90	320	310	-	-	-	-	320	310
	RY	5	75	-	-	-	-	525	-	-	-	525	-
	EF	3	50	-	-	-	-	-	-	100	-	100	-
	Total	14	300	6	90	320	310	525	-	100	-	945	310
• Livestock Production	PF/PWF	3	60	4	80	120	160	-	-	-	-	120	160
	RY	5	75	-	-	-	-	525	-	-	-	525	-
	EF	2	40	-	-	-	-	-	-	80	-	80	-
	Total	10	175	4	80	120	160	525	-	80	-	725	160
• Fisheries	PF/PWF	3	60	6	120	140	240	-	-	-	-	140	240
	RY	5	75	-	-	-	-	525	-	-	-	525	-
	EF	1	25	-	-	-	-	-	-	75	-	75	-
	Total	9	160	6	120	140	240	525	-	75	-	740	240
• Home Science	PF/PWF	8	135	5	110	325	290	-	-	-	-	325	290
	RY	7	140	-	-	-	-	980	-	-	-	980	-
	EF	1	15	-	-	-	-	-	-	45	-	45	-
	Total	16	290	5	110	325	290	980	-	45	-	1350	290
• Agril Engineering	PF/PWF	9	160	1	30	455	60	-	-	-	-	455	60
	RY	4	60	-	-	-	-	420	-	-	-	420	-
	EF	4	51	-	-	-	-	-	-	153	-	153	-
	Total	17	271	1	30	455	60	420	-	153	-	1028	60
• Agril Extension	PF/PWF	3	90	3	90	270	180	-	-	-	-	270	180
	RY	5	100	-	-	-	-	700	-	-	-	700	-
	EF	4	120	-	-	-	-	-	-	360	-	360	-
	Total	12	310	3	90	270	180	700	-	360	-	1330	180
• Plant Protection	PF/PWF	8	160	3	60	320	120	-	-	-	-	320	120
	RY	4	80	-	-	-	-	560	-	-	-	560	-
	EF	3	80	-	-	-	-	-	-	240	-	240	-
	Total	15	320	3	60	320	120	560	-	240	-	1120	120
Grand Total		106	2091	33	730	2400	1660	4760	-	1173	-	8333	1660

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

ACTION PLAN (2013-2014)
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	28	11	750	ON/OFF	57	32	89	53	29	82	92	37	129	300
2. Horticulture	24	12	630	ON/OFF	55	30	85	38	26	64	74	42	116	265
3. Fisheries	19	09	380	ON/OFF	45	02	47	43	02	45	86	02	88	180
4. Livestock Production	14	07	280	ON/OFF	18	12	30	27	23	50	36	24	60	140
5. Home Science	33	13	615	ON/OFF	0	79	79	10	128	138	0	38	38	255
6. Agril. Extn	15	06	450	ON/OFF	24	18	42	24	24	48	60	30	90	180
7. Agril. Engg.	27	10	515	ON/OFF	30	29	59	38	24	62	64	05	69	190
8. Plant Protection	22	11	440	ON/OFF	33	32	66	44	33	77	33	44	77	220
Total (A)	182	79	4060		262	235	497	277	289	566	445	222	667	1730
B) RURAL YOUTH														
1.Agronomy	35	05	525	ON	10	05	15	10	10	20	30	10	40	75
2. Horticulture	35	05	525	ON	14	05	19	10	05	15	25	16	41	75
3. Fisheries	35	05	525	ON	15	05	20	15	15	30	15	10	25	75
4. Livestock Production	35	05	525	ON	15	05	20	15	15	30	15	10	25	75
5.. Home Science	49	07	980	ON	0	42	42	0	42	42	0	56	56	140
6. Agril. Extn	35	05	700	ON	08	17	25	09	18	27	20	28	48	100
7. Agril. Engg.	28	04	420	ON	12	0	12	16	0	16	32	0	32	60
8. Plant Protection	28	04	560	ON	18	06	24	21	06	27	23	06	29	80
TOTAL (B)	280	40	4760		92	85	177	96	111	227	160	136	296	680
C) EXTN. FUNC. (ALL DISCIPLINES)	55	20	1173	ON	90	29	119	83	30	113	149	55	204	436
TOTAL (C)	55	20	1173		90	29	119	83	30	113	149	55	204	436
D) Vocational Training	75	03	1125	ON	06	06	12	06	12	18	12	09	21	51
TOTAL (D)	75	03	1125		06	06	12	06	12	18	12	09	21	51
E) FLD	49	19	870	ON/OFF	52	48	100	55	41	96	121	48	169	365
TOTAL (E)	49	19	870		52	48	100	55	41	96	121	48	169	365
G. TOTAL (A+B+C+D+E)	641	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	48	135	137	160	173	238	127	533	437
OFF	31	127	98	117	116	207	95	451	309
TOTAL	79	262	235	277	289	445	222	984	746

RURAL YOUTH

Type of training	No. of course	Coverage							
		SC		ST		Others		Total	
		M	F	M	F	M	F	M	F
ON	40	92	85	96	111	160	136	348	332
OFF	-	-	-	-	-	-	-	-	-
TOTAL	40	92	85	96	111	160	136	348	332

EXTENSION FUNCTIONARIES

Type of training	No. of course	Coverage							
		SC		ST		Others		Total	
		M	F	M	F	M	F	M	F
ON	20	90	29	83	30	149	55	322	114
OFF	-	-	-	-	-	-	-	-	-
TOTAL	20	90	29	83	30	149	55	322	114

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/ 13	(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	03	25	75	05	03	03	02	08	04	16	09
I/ May/ 13	(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	02	30	60	4	3	6	3	12	2	22	8
II/June/13	(Seed Production) & Improved Package of Practices for Paddy seed production	To learn the Improved Package of Practices of Paddy seed production for increasing yield and additional income in their own farm.	On	1	03	25	75	04	03	04	02	08	04	16	09
II/July/13	(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	02	30	60	5	4	5	4	8	4	18	12
II/Aug/13	(Cropping System) & Paddy cultivation through SRI techniques	To know the SRI techniques of paddy cultivation for increasing yield and minimize the cost of cultivation.	On	1	03	25	75	4	3	4	2	8	4	16	9
II/Sept/13	(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	03	25	75	4	3	4	2	8	4	16	9

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/Oct/13	(Crop diversification) & Technique of Kharif Maize 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	Off	1	02	30	60	8	2	6	4	8	2	22	8
III/Nov/13	(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	03	25	75	4	2	4	2	10	3	18	7
III/Dec/13	(Nutient Management) & Importance and use of Chealeted Zinc for Wheat production	To know the use of Chealated Zinc at proper dose and time for higher yield of Wheat.	On	1	03	25	75	05	03	03	02	08	04	16	09
III/Jan/13	(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	02	30	60	7	3	7	3	7	3	21	9
III/Feb/13	(Production Management) & 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	02	30	60	7	3	7	3	7	3	21	9
		Total		11	28	300	750	57	32	53	29	92	37	202	98

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/13	(Nursery management) & Raising of forest saplings	To know the improved package and practices raising forest saplings	Off	1	2	25	50	5	3	3	2	8	4	16	09
I/Jun/13	(Cultivation of fruits) & Commercial cultivation of short gestation orchard crop	To know the improved package and practices of Ber fruit cultivation in fellow medium land of Red and lateritic soil	On	1	2	25	50	5	3	3	2	8	4	16	09
II/Jul/13	(Cultivation of Plantation crop) & Commercial cultivation of Cashewnut specially on latest varieties	To know the improved package and practices of cashew nut fruits cultivation in fellow medium land	On	1	2	15	30	3	1	3	2	4	2	10	05
II/Jul/13	(Cultivation of Plantation crop) & Commercial cultivation of Cashewnut specially on latest varieties	To know the improved package and practices of cashew nut fruits cultivation in fellow medium land	Off	1	2	25	50	5	3	3	2	8	4	16	09
II/Aug/13	(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/13	(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/13	(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	Off	1	2	25	50	6	3	4	3	5	4	15	10
III/Dec /13	(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	3	25	75	5	3	3	2	8	4	16	09

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
IV/Jan/14	(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	3	25	75	5	3	3	2	8	4	16	09
IV/Feb/14	(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/14	(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	2	2	25	100	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,13	(Feed Management) Enrichment of Poor quality dry fodder.	To learn the method of enrichment of Paddy straw using urea, etc.	Off	1	2	20	40	3	2	2	3	6	4	11	9
I/May/13	(Poultry Management) 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	3	2	2	3	6	4	11	9
II/June/13	(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	2	3	6	4	11	9
II/July 13	(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	20	40	3	2	2	3	6	4	11	9
II/Sep/13	(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/Dec/13	(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	-	-	15	5	-	-	15	5
IV/Mar/14	(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				7	14	140	280	18	12	27	23	36	24	81	59

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/Apr13	(Resource Management) Pond Preparation technique	To learn improve methods of pond preparation before stocking of Spawn	Off	1	2	20	40	5	0	5	0	10	0	20	0		
I/May /13	(Resource Management) Pond Preparation technique	To learn improve methods of pond preparation before stocking of Spawn	Off	1	2	20	40	5	0	5	0	10	0	20	0		
I/ June/13	(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	20	40	5	0	5	0	10	0	20	0		
II/ July /13	(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	3	20	60	5	2	3	2	6	2	14	6		
II/ Sept13	(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	20	40	5	0	5	0	10	0	20	0		
III/Oct /13	(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	20	40	5	0	5	0	10	0	20	0		
III/ Oct /13	(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 utilized as fish food ingredients and process of fish feed preparation	On	1	2	20	40	5	-	5	-	10	-	20	-		
III/ Dec /13	(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	20	40	5	0	5	0	10	0	20	0		
III/Jan /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	20	40	5	0	5	0	10	0	20	0		
Total						9	19	180	380	45	2	43	2	86	2	174	6

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/ 13 25-26 April	(Soil & water conservation) Construction of water Harvesting Structure	To learn layout and construction of pond and renovation of pond in watershed area for runoff water conservation.	On	1	2	15	30	2	1	5	2	5	0	12	3
I/ May /13 22-23 May	(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 /13 12-13 June	(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/ 13 10-12 July	(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/13 11-12 Sep	(Micro irrigation system) Installation and maintenance of Micro irrigation system	To know the techniques of installation and maintenance of Micro Irrigation system	On	1	2	10	20	1	-	2	-	7	-	10	-
II/Sep/13 18-20 Sep	(Soil & water conservation) Participatory irrigation management techniques	To know the techniques of using irrigation through participatory mode.	On	1	3	15	45	3	-	4	-	8	-	15	-
III/ Nov. /13	(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. /13 10-13 Dec.	(Agriculture tools /machinery management) Package of improved agricultural machinery for groundnut 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/ 14 8-10 Jan.	(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/14 12-14 Feb.	(Use of plastic in farming system) Construction & maintenance of poly tunnel, and use of mulching	To learn about the use of poly tunnel Shed net polimulching in their own farm.	On	1	3	25	75	5	3	5	2	10	-	20	5
		Total		10	27	190	515	30	29	38	24	64	5	132	58

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/ June/13	(Formatin & management of Farmers club) Formation of farmers club	To learn the process and techniques of formation of farmers club	On	1	3	30	90	4	3	4	4	10	5	18	12
I/ July/13	(Formatin & management of Farmers club) Formation of farmers club	To learn the process and techniques of formation of farmers club	Off	1	2	30	60	4	3	4	4	10	5	18	12
II/Sept/13	(Watershed development) Agro- eco system analysis for watershed development.	To learn the PRA technique	On	1	3	30	90	4	3	4	4	10	5	18	12
II/Oct/13	(Watershed development) Agro- eco system analysis for watershed development.	To learn the PRA technique	Off	1	2	30	60	4	3	4	4	10	5	18	12
III / Dec /13	(Watershed development) Participatory techniques for Watershed development	To know the PRA technique and its application for watershed development programme	On	1	3	30	90	4	3	4	4	10	5	18	12
III / Jan /14	(Watershed development) Participatory techniques for Watershed development	To know the PRA technique and its application for watershed development programme	Off	1	2	30	60	4	3	4	4	10	5	18	12
		Total		6	15	180	450	24	18	24	24	60	30	108	72

Discipline – Home Science

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/13	(House hold food security) Nutrition garden for SHG on Summer	To encourage the SHG members for raising homestead nutrition garden to improve their nutritional status of their family members	On	1	3	20	60	-	10	-	10	-	-	-	20
I/May/ 13	(House hold food security) Nutrition garden for SHG on Summer	To encourage the SHG members for raising homestead nutrition garden to improve their nutritional status of their family members	Off	1	3	20	60	-	10	-	10	-	-	-	20
I/May/13	(Vermi compost production) Application organic manure through Vermi compost	To learn the techniques of producing vermicost and use of fertilizer as a organic fertilizer.	On	1	2	15	30	-	3	-	7	-	5	-	15
I/June/13	(Vermi compost production) Application organic manure through Vermi compost	To learn the techniques of producing vermicost and use of fertilizer as a organic fertilizer.	On	1	2	15	30	-	3	-	7	-	5	-	15
II/July/13	(Development of high nutrient efficiency diet) Preparation of low cost groundnut recipe	To know the preparation technique of low cost recipes of groundnut as supplementary nutrition.	On	1	2	15	30	-	3	-	10	-	2	-	15
II/Aug/13	(Development of high nutrient efficiency diet) Preparation of low cost	To know the preparation technique of low cost recipes of groundnut as supplementary nutrition.	Off	1	2	20	40	-	6	-	12	-	2	-	20
II/Sep/13	(Development of high nutrient efficiency diet) Preparation of low cost	To know the preparation technique of low cost recipes of groundnut as supplementary nutrition.	Off	1	2	20	40	-	6	-	12	-	2	-	20
III/Oct/13	(Income generation activities for empowerment of rural women) Strengthening of Economic activities for SHG.	To empower the SHG members towards economic activities	On	1	3	20	60	-	10	-	10	-	-	-	20
III/Nov/13	(Mashroom production) Mushroom Cultivation.	To learn the production and processing techniques of Mushroom.	On	1	2	20	40	-	6	-	8	-	6	-	20

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
III/Nov/13	(Income generation activities for empowerment of rural women) Strengthening of Economic activities for SHG.	To empower the SHG members towards economic activities	Off	1	3	30	90	-	10	-	15	-	5	-	30
III/Dec/ 13	(House hold food security) Nutrition Garden for SHG in Rabi	To encourage the rural women folks for raising homestead nutritional garden to improve nutritional status of the family members.	On	1	3	15	30	-	5	-	10	-	-	-	15
III/Jan/13	(House hold food security) Nutrition Garden for SHG in Rabi	To encourage the rural women folks for raising homestead nutritional garden to improve nutritional status of the family members.	Off	1	3	20	60	-	5	-	10	-	5	-	20
IV/Feb/14	(Design & development of low/minimum cost diet) Value addition of Blackgram (Masahla & Naksha bori)	To learn the techniques of preparation and preservation of Masahla & Naksha Bori.	On	1	3	15	45	-	2	-	7	-	6	-	15
Total				13	33	245	615	-	79	-	128	-	38	-	245

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 9-10/13	(Disease 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 20-21/13	(IDM and IPM) Integrated disease and pest management of the nursery paddy	To produce healthy paddy seedlings.	OFF	1	2	20	40	3	3	4	3	3	4	10	10
II. JULY 9-10/13	(Integrated Pest Management) Management of insect pest and disease in Rice.	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 6-7/13	(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 11-12/13	(Integrated Pest Management) Management of insect pest and disease in major kharif pulse crops (mung,urd and arhar)	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 23-28/13	(Lac Cultivation) Cultivation of Lac	Create awareness income generation	ON	1	2	20	40	3	3	4	3	3	4	10	10
III. OCT 7-8/13	(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 18-19/13	(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 4-5/13	(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 3-4/14	(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 18-19/14	(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/13	(Seed production) & Seed production technique of paddy	To learn the techniques of seed production for getting quality seed for further planting	On	1	7	15	105	2	1	2	2	6	2	10	5	
II/July/13	(Vermi culture) & Production of Vermicompost	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/Oct/13	(Seed Production) & Quality seed production of potato	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	
III/Nov/13	(Water management) & Production of Rabi season oil seed crops through water management	To learn about the latest agro- techniques of water management for oil seed production	On	1	7	15	105	2	1	2	2	6	2	10	5	
IV/Feb/14	(Vermi culture) & Production of Vermicompost	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/Jun/13	(Nursery management) & Nursery Management & Promotion and production of Horticultural crops.	To develop the Knowledge & Skill on Horticultural crops.	On	01	07	15	105	3	1	2	1	5	3	10	05
II/Sept/13	(Gardening) & Layout of a garden and its management	To develop the knowledge and skill on gardening and its management	On	01	07	15	105	2	1	2	1	5	4	09	06
III/Oct/13	(Nursery management) & Nursery Management & Promotion and production of Horticultural crops.	Development of Knowledge & Skill on Horticultural crops.	On	01	07	15	105	3	1	2	1	5	3	10	05
III/Dec/13	(Protected cultivation) & Protected cultivation of 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/14	(Seed production) & Seed production technique of Cucurbitaceous vegetable Crops	To know the improved package and practices of Cucurbitaceous vegetable crops and their seed production	On	01	07	15	105	3	1	2	1	5	3	10	05
Total				05	35	75	525	14	05	10	05	25	16	49	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 Traine e days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/Jun/13	(Pig Farming) Piggery Management	To learn about Scientific Farming of Pigs	On	1	7	15	105	3	1	3	3	3	2	9	6
II/Aug/13	(Poultry farming) Poultry Farming (Broiler & Layer)	To learn improved management practices on poultry farming for meat & egg production.	On	1	7	15	105	3	1	3	3	3	2	9	6
II/Oct/13	(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	1	3	3	3	2	9	6
III/Dec/13	(Poultry farming) Poultry Farming (Broiler & Layer)	To learn improved management practices on poultry farming for meat & egg production.	On	1	7	15	105	3	1	3	3	3	2	9	6
IV/Feb/14	(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	1	3	3	3	2	9	6
		Total		5	35	75	525	15	5	15	15	15	10	45	30

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/ May /13	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	1	3	3	3	2	9	6
I/ June /13	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	1	3	3	3	2	9	6
II/July /13	Fish seed production Magur seed rearing	To learn methods of Magur breeding and seed rearing practices	On	1	7	15	105	3	1	3	3	3	2	9	6
II/August/13	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
III/Dec /13	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	75	525	15	5	15	15	15	10	45	30

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/13	(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/13	(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/13	(capacity building and group dynamics) Entrepreneurship development of youth.	To buildup the capacity of rural youth to adopt Agrl. and allied entrepreneur in their own environment.	On	1	7	20	140	2	1	3	2	8	4	13	7	
III/ Nov/13	(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/14	(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 Trainin g On/Off	No .of course	Duratio n (Days)	No .of trainee per course	Total Train ee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/ April/13	(Care& maintenance of Farm machinery & Implements) Improve agriculture implements, equipments, and machinery for custom and hiring.	To organize rural youth for income generation through custom and hiring	On	1	7	15	105	3	-	4	-	8	-	15	-
II/July/13	(Care& maintenance of Farm machinery & Implements) Repair and Maintenance of Power Tiller	To learn operation and maintenance of power tiller	On	1	7	15	105	3	-	4	-	8	-	15	-
III/November13	(Care& maintenance of Farm machinery & Implements) Repair and maintenance of diesel engine pump sets	To learn overhauling of diesel engine pump sets	On	1	7	15	105	3	-	4	-	8	-	15	-
IV/January/14	(Care& maintenance of Farm machinery & Implements) Repair and maintenance of diesel engine pump sets	To learn overhauling of diesel engine pump sets	On	1	7	15	105	3	-	4	-	8	-	15	-
		Total	-	4	28	60	420	12	-	16	-	32	-	60	-

Discipline – Home science

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/13	(Rural craft) Training on Tailoring, Embroidery & fabric Programme.	To know the techniques of cutting, Stiching, paddling of Machine, Embroidery & fabric by their own effort for income generation.	On	1	7	20	140	-	6	-	6	-	8	-	20
II/July/13	(Income generating activity) Skill training on Sal leaf Plate and Cup making for SHG's	To know the techniques of Stiching of leaf , operating machine & Moulding of Sal leaf Plate and Cup by their own effort.	On	1	7	20	140	-	6	-	6	-	8	-	20
III/Oct/13	(value addition) Jam, Jelly and Pickles preparation of local surplus Veg. and Fruits.	To learn the preparation techniques of Jam ,Jelly and Pickles preparation of local surplus Veg. and Fruits	On	1	7	20	140	-	6	-	6	-	8	-	20
III/Dec/13	(Drudgery Reduction) Preparation of the per boiled rice through drum paddy per boiler	To reduce drudgery of the farm women engaged in commercial rice per boiling	On	1	7	20	140	-	6	-	6	-	8	-	20
IV/Jan/14	(Mushroom Production) Production technique of oyster mushroom.	To learn the production and processing technique of oyster mushroom for income generation .	On	1	7	20	140	-	6	-	6	-	8	-	20
IV/Feb/14	(Income generating activity) Skill training on Sal leaf Plate and Cup making for SHG	To know the techniques of Stiching of leaf , operating machine & Moulding of Sal leaf Plate and Cup by their own effort.	On	1	7	20	140	-	6	-	6	-	8	-	20
IV/Mar/14	(Value addition) Value addition of Pulse Seed (Masahla & Naksha bori)	To learn the techniques of preparation and preservation of Masahla & Naksha Bori.	On	1	7	20	140	-	6	-	6	-	8	-	20
		Total	-	7	49	140	980	-	42	-	42	-	56	-	140

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/13	(Sericulture) Management of silk worm	Create employment to the rural youth.	On	1	7	20	140	4	2	5	2	5	2	14	6
II/Aug/13	(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
III/Nov/13	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
IV/Feb/14	Lac cultivation (Cultivation of Lac)	Create income generation to the rural youth	On	1	7	20	140	6	-	6	-	8	-	20	-
		Total	-	4	28	80	560	18	6	21	6	23	6	62	18

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
II/August/13	(Vermiculture) Production and Use of Vermi compost to Different field crop.	To aware and learn about the Vermicompost manure with improved method for increasing farm income from their land	On	1	3	20	60	4	3	3	2	5	3	12	08
III/ Nov/13	Quality Seed Production of oil seed in red lateritic area.	To aware and learn about improve technique of the crop seed production	on	1	3	20	60	4	3	3	2	5	3	12	08
		Total	-	2	6	40	120	08	06	06	04	10	06	24	16

Discipline – Horticulture

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off	No .of course	Durati on (Days)	No .of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
II / Apr / 13	(Orchard management) & Orientation training on Grafted Cashewnut & Mango cultivation for Field Consultant of NHM.	To aware and learn about the varieties and techniques of Grafted Cashewnut & Mango cultivation.	On	1	2	30	60	10	-	12	-	8	-	30	-
II/Aug /13	(Gardening) & Orientation training on gardening in School premises	To learn the decoration strategies and beautification criteria for school premises.	On	1	2	10	20	2	1	2	1	2	2	6	4
III / Oct / 13	(Floriculture) & Orientation training programme on Seasonal flower in School premises	To learn about the suitable varieties of winter annuals and its cultivation practices.	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 / 13	(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	20	40	4	-	4	-	12	5	20	5
II/Sept/ 13	(Goatery management) Orientation programme on promotion Goat farming	To learn about the suitable breeds of Goats for better growth and production	on	1	2	20	40	4	-	4	-	12	5	20	5
Total				2	4	40	80	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 / July / 13	Introduction of New Technology Orientation programme on Ornamental Fish Culture	To learn the prospect & cultural practices of Ornamental fishes	On	1	3	25	75	3	2	3	2	10	5	16	9
Total				1	3	25	75	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/13	(Use bio fertilizer) Application of Bio-pesticides and Bio-fertilizer in crop protection.	To aware and learn about the Bio-pesticide and fertilizer to reduced cost and improvement of quality production.	On	1	3	30	90	6	2	5	3	10	4	21	9
III / Dec / 13	(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	3	30	90	6	2	5	3	10	4	21	9
IV/Jan/14	(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	3	30	90	6	2	5	3	10	4	21	9
IV / Mar/ 14	(Capacity building and group dynamics) Conversion of different programme / projects.	to learn about the different programmes and projects of GO'S and NGO's and conversion techniques for occumentation of Agrl. And allied Agrl. Development.	On	1	3	30	90	5	2	5	2	10	6	20	10
Total				4	12	120	360	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/13	(Water shed management) Participatory watershed development	To know the participatory appraisal for watershed development	ON	1	3	12	36	3	1	2	0	4	2	9	3
II/August/13	(Water conservation) Design and development of water harvesting structure	To aware about importance and use of water harvesting structure of holistic agricultural production	ON	1	3	12	36	3	-	3	-	6	-	12	-
III/Dec/13	(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/14	(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 – Home Science

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
IV /March/14	(Group Dynamics & farmers organization) Gender Mainstreaming	To empower the women to wards Economic activity	On	1	3	15	45	-	5	-	6	-	4	-	15
		Total		1	3	15	45	-	5	-	6	-	4	-	15

Discipline – Plant protection

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On/Off	No. of cours e	Durati on (Days)	No. of trainee per course	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I/July/13	(Phasal suraksha mitra) Capacity building in crop protection	To create awareness and income generation	On	1	3	20	60	4	2	5	2	5	2	14	6
II/Sept/13	(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	3	30	90	8	-	8	-	14	-	30	-
IV/Jan/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	3	30	90	8	-	8	-	14	-	30	-
Total				3	9	80	240	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 cours e	Duration (Days)	No. of train e per cours e	Total Trainee days	Coverage							
								SC		ST		Others		Total	
								M	F	M	F	M	F	M	F
I / June/13	(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	09
III/Nov/13	(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	2	25	50	5	3	4	2	7	4	16	09
III/Nov/13	(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	On	1	2	25	50	5	3	4	2	7	4	16	09
III / Oct/13	(IPM) & Improve package of IPM techniques 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	25	50	5	3	4	2	7	4	16	09
IV/Jan/ 13	(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	5	3	4	2	7	4	16	09
IV/ Jan/13	(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	5	3	4	2	7	4	16	09
Total				5	12	125	300	23	14	19	10	38	21	80	45

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/13	(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/13	(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 /13	(Physiological disorder Management) & Scientific Cultivation of Onion in Red & lateritic area	To know the latest Ago-techniques for cultivation of onion in relation to physiological disorder management	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/13	(Poultry management) Backyard poultry farming	To learn improved management practices of Back yard poultry	On	1	3	10	30	1	2	2	2	1	2	4	6
II /Jun/ 13	(Piggery management) Backyard Pig Farming	To know about improved management practices	On	1	3	10	30	-	3	-	4	-	3	-	10
Total				2	6	-	60	1	5	2	6	1	5	4	16

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 /13	Composite fish culture Poly culture of Carp & Prawn in Seasonal pond	To Learn improved management practices on Mixed culture of carp & Prawn	On	1	4	10	40	2	0	3	0	5	0	10	0
II/Aug /13	Resource Management Magur culture in Seasonal pond	To learn the management practices of Magur culture in seasonal ponds	On	1	4	10	40	2	0	3	0	5	0	10	0
III/ Oct /13	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 utilized as fish food ingredients and process of fish feed preparation	On	1	2	20	20	5	0	5	0	10	0	20	0
Total			-	3	10	40	100	9	0	11	0	20	0	40	0

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 / Jul / 13	(Care & maintenance of equipments) Operation and Maintenance of Paddy puddlers, Cono weeder, Drum Seeder	To know the process of harnessing the puddler operation and its maintenance	OFF	1	2	20	40	2	3	3	2	10	-	15	5
I / Jul/ 13	(Care & maintenance of equipments) Operation and Maintenance of Paddy puddlers, Cono Weeder, Drum Seeder, reaper	To know the process of harnessing the puddler operation and its maintenance	OFF	1	2	20	40	2	3	3	2	10	-	15	5
III / Nov /13	(Care & maintenance of equipments) Operation And Maintenance of Groundnut Pod stripper/	To learn the operation And maintenance of Groundnut Pod stripper	ON	1	2	20	40	2	3	3	2	10	-	15	5

III / Nov / 13	(Care & maintenance of equipments) Operation And Maintenance of Groundnut Decaticators.	To learn the operation And maintenance of Groundnut Pod stripper	ON	1	2	20	40	2	3	3	2	10	-	15	5
Total				4	8	20	160	8	12	12	8	40	-	60	20

Discipline – Home Science

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
III/ Oct / 13	(House hold food security) Nutrition Kitchen Garden	To encourage the rural women folks for raising homestead nutritional garden to improve nutritional status	On	1	3	15	45	-	3	-	7	-	5	-	15
III/ Oct / 13	(House hold food security) Nutrition Kitchen Garden	To encourage the rural women folks for raising homestead nutritional garden to improve nutritional status	On	1	3	15	45	-	5	-	5	-	5	-	15
Total				2	6	30	90	-	8	-	12	-	10	-	30

Vocational Training

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/July / 13	(Entrepreneur Development) Paravet Vety (Vet.Frst-Aid & A.I.)	To learn about AI.& vet., First-Aid for self employment	On	1	30	15	450	3	1	3	3	3	2	9	6
II/Sept/13	(Entrepreneur Development) Gardener Training	To learn about technique of Nursery Management, Plant Propagation & protection for Self Employment	On	1	30	15	450	3	1	3	3	3	2	9	6
II/Aug/ 13	(Entrepreneur Development) Tailoring & Embroidery	To learn about technique of Tailoring & Embroidery	On	1	15	15	225	0	4	0	6	6	5	0	15
Total				3	75	-	1125	6	6	6	12	12	9	18	27

N.B : 100 % contribution from Participants

5. Front Line Demonstrations (2013-14)

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)	Zinc application of Upland paddy	Quality HYV upland Rice Seeds.	Demonstration	Zinc,PPC.	(7Units)	02	1500.00	5025/-	5025/-
	Zinc application of Wheat	Quality HYV Wheat Seeds.	Demonstration	Zinc,PPC.	(7Units)	02	1500.00	5025/-	5025/-
	Stunted growth of Potato due to Boron deficiency	Foliar application of Boron	Demonstration	Boron, PPC	(7Units)	02	1500.00	5025/-	5025/-
Agronomy (Resource management, Oil seeds)	Groundnut Production	Quality HYV Seeds.	Demonstration	Seeds,Fertilizer,PPC	(7Units)	02	1500.00	5025/-	5025/-
	Mustard Production	Quality HYV Seeds.	Demonstration	Seeds,Fertilizer,PPC	(7Units)	02	1500.00	5025/-	5025/-
	Groundnut Production	Quality HYV Seeds.	Demonstration	Seeds,Fertilizer,PPC	(7Units)	02	1500.00	5025/-	5025/-
	Sesamum Production	Quality HYV Seeds.	Demonstration	Seeds,Fertilizer,PPC	(7Units)	02	1500.00	5025/-	5025/-
	Sunflower Production	Quality HYV Seeds.	Demonstration	Seeds,Fertilizer,PPC	(7Units)	02	1500.00	5025/-	5025/-
Agronomy (Resource management, Pulses)	Red gram Production	Quality HYV Seeds.	Demonstration	Seeds,Fertilizer,PPC	(7Units)	02	1500.00	5025/-	5025/-
	Horsegram Production	Quality HYV Seeds.	Demonstration	Seeds,Fertilizer,PPC	(7Units)	02	1500.00	5025/-	5025/-
	Lentil Production	Quality HYV Seeds.	Demonstration	Seeds,Fertilizer,PPC	(7Units)	02	1500.00	5025/-	5025/-
	Green gram Production	Quality HYV Seeds.	Demonstration	Seeds,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/-
	Attack of Aphid in mustard	Application of Insecticide	Training & Demo.	PPC	(7Units)	02	1500.00	5025/-	5025/-
Horticulture (Physiological disorder management)	Drying tip of onion due to Boron deficiency	i) Judicious application of nutrient ii)Proper management of plant	Training & Demo.	Boron	(7Units)	02	1500.00	5025/-	5025/-
Production management	Intercropping of Tomato in newly planted mango orchard	Introduction of intercropping system in mango orchard for utilization of space	Training & Demo.	Supply of seedlings, PPC	(7Units)	02	1500.00	5025/-	5025/-
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	5025/-	5025/-
Livestock (Back yard Poultry & Piggery management)	Regular & good egg production of poultry birds (VANARAJA & RIR)	Introduction of improved breed -Proper feeding & health care management.	Training & Demo.	Supply of brooded birds, Vaccine	10 units	10 units	500/-	2500/-	2500/-
	Low Weight gain and small liter size of dishi Pigs replaced by T & D	-Introduction of T & D Pigs -Proper management & health care	Training & Demo.	Improved-Piglets Vaccine	05units	05 units	2500/-	6,250/-	6,250/-
Fisheries Composite Culture	Poly culture of Carp & Prawn in Seasonal pond	Introduction of Prawn Culture with carp,Proper Feeding & Management Practices	Training & Demo.	- Prawn-fingerlings	(5 unit)	0.4 ha	1500.00	3750/-	3750/-
Fisheries Resource Management	Magur culture in Seasonal pond	Introduction of Magur Culture with Proper Feeding & Management Practices	Training & Demo.	- Magur- fingerlings	(5 unit)	0.4 ha	1500.00	3750/-	3750/-

Discipline (Thematic area)	Problem based technology	Intervention point identified	Programme proposed	Critical inputs identified	Area(ha) /unit covered	Total area covere d (ha)	Total cost / unit (Rs)	Share Cost	
								KVKs share (Rs)	Farmers' share (Rs)
Fisheries Resource Management	Use of low-cost fish feed (using Agri. & farm waste and by-products)	Introduction of locally available Agri. & farm waste as fish food ingredients and Micronutrient mixture	Training & Demo.	Micronutrient Mixture	(5 unit)	0.4 ha	1500.00	3750/-	3750/-
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 - Drum seeder - Hand seed drill	(7Units)	02	1500.00	5025/-	5025/-
	1.Burden / Drudgery On Farm Activities 2. Tedious And Time Taking 3. Poor Quality Of Produces	Introduction of improved agricultural implements	Demonstration	- Power reaper -Zero tillage	(7Units)	02	1500.00	5025/-	5025/-
Home Science (house hold food security)	Poor production in Kitchen garden	Quality HYV Seed and Seedling	Demonstration	HYV seed, Seedlings, Fertilizer & PPC	10 unit	0.4	1500.00	7500/-	7500/-

6. ON-FARM TESTING

ON FARM TESTING -1

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 Flubendiamid 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
Total cost	Rs. 15,000/-
Monitoring indicators	% of pest infestation, yield in qt.per ha. Net return per ha. and Benefit cost ratio

ON FARM TESTING – 2

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 chloropyrephos
Intervention plan.	Farmers practice: Foliar application of chloropyrephos Technology Option-I: Soil application of chloropyrephos 20 EC @ 1 lit/hac with water in last two irrigation Technology Option-II: Soil application of Fenvalerate 20EC @ 375 ml/hac 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/-

ON FARM TESTING – 3

Title	Adoption of IDM module against YVMV disease of okra under medium land situation during Kharif season in Red & Lateritic areas of Paschim Medinipur District of West Bengal.
Problem area	Low productivity of okra
Important Causes	Severe attack of YVMV during Kharif.
Thematic area	Insect and Disease management
Production System	Rice –oilseed-fallow, Rice-fallow-fallow, Rice-Vegetable-Fallow
Micro farming situation	Irrigated Medium land
Technology for testing	Effect of different method of disease management against YVMV of okra
Objectives	To protect the plants from YVMV by using of IDM practice.
Hypotheses	By using recommended IDM practice, yield losses of okra can reduced upto 100%
Existing practice	Random or indiscriminate use of different pesticide & open pollinated susceptible variety
Intervention plan.	Farmers practice- OP variety Arka Anamika+2foliar spray of dimethoate (rogor 2ml/lit) Technology option-1- OP variety Arka Anamika + Cultivation of Maize as Border crop (25-30days before sowing) + alternate 4 foliar spray of Imidachlorpid @ 0.4 ml/lit and acephate1.5gm/lit at 10 days interval starting from 15 DAS Technology option-II Resistant hybrid No-152 Technology option-III Resistant hybrid No-152+ Cultivation of Maize as Border crop (25-30days before sowing)+ seed treatment with imidachlorpid @ 5 ml/lit
Source of technology	AICRP on Vegetable Crops, Bidhan Chandra Krishi Viswavidyalaya
Design	RBD
Critical inputs	Seed, Plant protection chemical
Unit size / Plot size	600 sq .mt/ plot,
Replications	10 farmers (4plot each)
Unit cost	Rs. 350/-
Total cost	Rs. 14,000/-
Monitoring indicators	PDI, Plant height (cm.),No.of fruits /plant, Yield (t/ha), Net return per unit area and Benefit cost ratio

ON FARM TESTING – 4

Title	Effect of biofertilizer and molybdenum on yield attributing characteristic and yield of Cauliflower (variety – Pusa Hybrid-2).
Problem area	Poor crop performance and high cost involvement for Cauliflower cultivation due to less use of bio fertilizer and micro nutrient.
Important Causes	Molybdenum deficiency in soil.
Thematic area	Nutrient management
Production System	Rice – cauliflower-fellow,
Micro farming situation	Irrigated Medium land
Technology for testing	Integrated nutrient management in Cauliflower
Objectives	To increase the uptakes of Molybdenum by plant for improve plant health and quality of curd
Hypotheses	Efficacy of proper bio fertilizer and micro nutrient application to increase yield of cauliflower upto 25-30%.
Existing practice	N:P:K @ 125:100:80 kg/ha (No bio-fertilizer or micronutrient application)
Intervention plan.	Farmers practice: N:P:K @ 125:100:80 kg/ha (No bio-fertilizer or micronutrient application) Technology Option-I: <i>Azotobactor</i> inoculation + N: P: K @ 125:100:80 kg/ha + Ammonium molybdate spraying (0.1 %) at 45 DAS. Technology Option-II: <i>Azotobactor</i> inoculation + N:P:K @ 125:100:80 kg/ha + Ammonium molybdate spraying (0.05 %) at 15 and 30 DAS. Technology Option-III: <i>Azotobactor</i> inoculation + N:P:K @ 125:100:80 kg/ha + Ammonium molybdate spraying (0.05 %) at 15, 30 and 45 DAS.
Source of technology	Bidhan Chandra Krishi Viswavidyalaya
Design	RBD
Critical inputs	Seedlings , biofertilizer and Ammonium molybdate
Unit size / Plot size	600 sq .mt/ plot,
Replications	10 farmers (4 plot each)
Unit cost	Rs. 400/-
Total cost	Rs.16,000/-
Monitoring indicators	% of fresh card, yield per ha. Net return per unit area and Benefit cost ratio

ON FARM TESTING – 5

Title	Assessment of performance of polythene 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: Polythene 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 – 6

Title	Assessment of performance of different form of Boron to emerging Boron deficiency in red & lateritic soil to control stunted growth of Potato.
Problem area	Low productivity of Potato in Upland situation
Important Causes	Low yield of Potato due to Boron deficiency in the soil.
Thematic area	Nutrient management
Production System	Irrigated small production system.
Micro farming situation	Irrigated upland situation.
Technology for testing	Effect of Boron on Yield and status of plant growth.
Objectives	To reclaim Boron in soil and increase yield of Potato.
Hypotheses	Spraying of Boron to the plant to reclaim the Boron deficiency to control stunted growth of Potato and simultaneously yield of potato can enhance up to 15%.
Existing practice	Farmers generally using farm yard manure and chemical fertilizer.
Intervention plan.	Farmers practice: Farm yard manure 3 tons / ha + N:P:K:: 150:100:100 kg/ha Technology Option –I: Farm yard manure 5 tons/ha + N:P:K:: 150:100:100 kg/ha + borax @ 1.5 ml/lit on 25 and 50 days after planting Technology Option-II: Farm yard manure 5 tons/ha + N:P:K:: 150:100:100 kg/ha + borax @ 2.0 ml/lit on 25 and 50 days after planting
Source of technology	State Agricultural University
Design	RBD
Critical inputs	Boron, 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	Yield per ha, and growth of plant

ON FARM TESTING – 7

Title	Assessment of quality of Sauce by using different varieties of Tomato.
Problem area	Low quality of sauce in respect of colour and taste
Important Causes	Use of low quality materials
Thematic area	Food preservation
Production System	Alternative Non-farm Vocation for widening livelihood choice basket
Micro farming situation	Homestead farming
Technology for testing	Performance of different tomato varieties
Objectives	To improve the quality of sauce
Hypotheses	Use of high viscosity of fruits pulp tomato varieties
Existing practice	Farmers use only local variety
Intervention plan	Local practice: = Local variety(Patharkuchi) Technology Option –I: = Pusa Ruby Technology Option –II: = H-5005
Source of technology	Dept. of Post Harvest Technology, BCKV
Design	RBD
Critical inputs	Tomato, Sugar, Preservative
Unit size	30kg/per unit
Replications	10 womens
Unit cost	Rs. 500/-
Total cost	Rs.15000/-
Monitoring indicators	Colour, Taste, Sugar:acid ratio and TSS

ON FARM TESTING – 8

Title	Assessment of performance of different Fish feed on growth of IMC Fry.
Problem area	Poor growth rate of fish fry in rearing pond
Important Causes	Improper feed management practices.
Thematic area	Nutrient management
Production System	Rearing pond management.
Micro farming situation	Raising of IMC Fingerlings from Fry in small pond
Technology for testing	Feeding with Oil cake & Powdered paddy fortified with Rice Beer waste.
Objectives	To assess the performance of Oil cake & Powdered paddy mixture fortified with Rice Beer waste on growth of fry in rearing pond.
Hypotheses	Feeding of fry with Oil cake & Powdered paddy mixture fortified with Rice Beer waste may promote faster growth of fry in rearing pond
Existing practice	Fish seed rearing are being practiced in small ponds (Av. Area-0.08 to 0.16 ha) using meager quantity of Mustard oil cake as supplementary feed.
Intervention plan.	Farmers Practice = One or two times application of Mustard oil cake in perforated gunny bag. Technology Option I = Regular feeding with Oil cake – Rice bran Mixture(1:1) @ 5% of total stock Technology Option II = Regular feeding with Oil cake & Powdered paddy mixture (1:1) + 10% Rice Beer waste @ 5% of total stock
Source of technology	CIFRI
Design	RBD
Critical inputs	Mustard Oilcake, Rice Bran, powdered Paddy.
Unit size / Plot size	0.04 ha.
Replications	30 farmers
Unit cost	Rs. 500/-
Total cost	Rs. 5000/-
Monitoring indicators	Average growth rate (Length & Weight) of fingerlings

ON FARM TESTING – 9

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	0.165 ha.
Replications	30 farmers
Unit cost	Rs. 500/-
Total cost	Rs. 15000/-
Monitoring indicators	% of recovery & per hectare production

ON FARM TESTING – 10

Title	Assessment of performance of weed management in Rice during <i>Kharif</i> season.
Problem area	Low productivity of Rice in medium land due to problems of weeds
Important Causes	Low yield of Rice due to problems of weeds.
Thematic area	Weeds management.
Production System	Rain fed small production system.
Micro farming situation	Rain fed medium land situation.
Technology for testing	Effect of weed management in Rice production.
Objectives	To standardize improved package of practice by using weed management in Rice to enhance productivity as well as to minimize weeds problems.
Hypotheses	By weed management, yield can be enhanced up to 40%
Existing practice	Farmers use hand weeding
Intervention plan.	<p>Farmers practice: Hand weeding</p> <p>Technology Option –I: Pre-emergence herbicide (Pretilachlor 50 EC @ 1 lt./ha. within 1-3 DAT) followed by one wheel hoe at 21DAT</p> <p>Technology Option-II: Post -emergence herbicide (Ready Mixture of Metsulfuron Methyl + Chlorimuron Ethyl (Almix 20 WP) @ 30 g /ha) at 20-30 DAT</p>
Source of technology	State Agricultural University
Design	RBD
Critical inputs	Seed, fertilizer, manure, herbicides, wheel hoe
Unit size / Plot size	600 sq .mt/ plot,
Replications	10 farmers (3 plot each)
Unit cost	Rs. 600/-
Total cost	Rs.18000/-
Monitoring indicators	Weed population/ m ² , Weed biomass g/ m ² , No of Effective tillers /hill, No of filled grain /panicle, Test weight (g), 1000 Grain, yield(qt/ha.)

ON FARM TESTING – 11

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 – 12

Title	Assessment of performance of different poultry 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 Poultry Production
Micro farming situation	Backyard Deshi poultry birds 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 poultry birds with vaccination.
Intervention plan	Farmers Practice = Deshi layer birds with F1 and R2B Vaccination. Technology Option I = RIR layer birds with F1 and R2B Vaccination Technology Option II = Vanaraja layer birds with F1 and R2B Vaccination.
Source of technology	WBUAFS.
Design	RBD
Critical inputs	1. Brooded chicks, 2. De-wormer, 3. Vaccines.
Unit size / Plot size	1 Brooded Poultry /treatment, So 3 Brooded Poultry to each farmer.
Replications	10 farmers
Unit cost	Rs. 500/-
Total cost	Rs. 15000/-
Monitoring indicators	Average weight at maturity & Egg production, health status & B.C ratio.

ON FARM TESTING - 13

Title	Assessment of Performance of different methods of paddy harvesting
Problem area	Low profitability of kharif paddy cultivation due to higher input cost on harvesting.
Important Causes	Paddy is being harvested by manual resultant higher input cost and low profitability of Paddy cultivation.
Thematic area	Use of manually operated paddy production tools/ equipments
Production System	Rice based small production System
Micro farming situation	Up /medium land
Technology for testing	Improved power reaper
Objectives	To reduce the cost of harvesting.
Hypotheses	By introduction of Power Reaper can reduced input cost on harvesting as well as drudgery
Existing practice	manual harvesting by sickles
Details of technologies for assessment.	Farmers practice: manually by sickles. Technology Option –I: Power reaper and manual bindings Technology Option-II: Combine Harvester
Source of technology	IIT, Kharagpur, CIAE, Bhopal
Design	RBD
Critical inputs	hired Power reaper, hired combine harvester
Unit size / Plot size	3 plot of each farmer and size of each plot is 600 sq .mt
Replications	10 farmers
Unit cost	500
Total cost	Rs. 15000/-
Monitoring indicators	Speed, Time, Field capacity, field efficiency, Shattering loss, Grain yield, Straw yield, cost of operation, cost saving.

ON FARM TESTING - 14

Title	Feasibility assessment of Paddle operated Groundnut Striper cum Decorticator.
Problem area	Higher cost of production, as well as less output.
Important Causes	Tedious and time taking drudgery on farm activities.
Thematic area	Use of improved tools for groundnut cultivation.
Production System	Irrigated Medium land groundnut cultivation in Rabi summer
Micro farming situation	Medium land
Technology for testing	Paddle operated groundnut stripper cum decorticator.
Objectives	To reduce cost of operation and time.
Hypotheses	By using improved tools for groundnut stripping and decorticating machine the time and cost of operation would be minimized with less drudgery.
Existing practice	Manually by hand picking, stripping and decorticating.
Details of technologies for assessment.	Farmers practice: Manual Technology Option –I: Groundnut Stripper cum decorticator (Paddle operated) Technology Option-II: Stripping by hand and decorticating by groundnut decorticator. (hand operated)
Source of technology	IIT, Kharagpur,
Design	RBD
Critical inputs	2 Paddle operated cum groundnut stripper cum decorticator, and hand operated groundnut decorticator to be provided to 10 farmers
Unit size / Plot size	Crop produced for 0.5 ha area per replication
Replications	10 farmers
Unit cost	Rs.10000/- (Cost of Machine for groundnut stripper cum Decorticator + hand operated g.nut decorticator)
Total cost	Rs. 20,000/-
Monitoring indicators	Output per hours, time, man days requirement, B.C ratio, economics

ON FARM TESTING - 15

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	13	0.2	Autumn-winter	AICRP on Vegetable Crops, BCKV
2.	Up land Rice	4	0.4	Kharif	CRRRI Chunchura,WB
3.	Tomato	4	0.4	Rabi	PDVR, Vanaras, UP
4.	Potato	4	0.4	Rabi	Advance Biotech, IIT.Khargapur
5.	Sesamum	8	0.8	Rabi -Summer	Advance Biotech, IIT.Khargapur

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	0.4	-	HQPM
3	Redgram Seed production	Kharif	0.4	-	ICPL-87119
4	Potato Seed production	Rabi	5.0	-	Surya , K. Jyoti, K. Pokhraj & K. Chandramukhi
5	Sesamum Seed production	Rabi-Summer	1.0	-	T- 23,T- 25 & IC – 205457
6	Vermi Compost Preparation	Round the year	5040 Sqft	10'x4'x3'sized 42 pits	Earthworm Var. <i>E. fotida</i>

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	5.0	100,000 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	4.0	20,000 n0.	Veneer grafted, Air layered plant
3.	Production of vegetable seedlings	Throughout the year	4.0	150,000 no.	Protected nursery management.
4.	Production of flower seedlings	Rabi	0.1	25,000 no.	Protected nursery management.
5	Ornamental plant	Round the year	0.1	5000 no.	Cutting
6	Vegetable production	Round the year	2	-	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 – K.C
3	Poultry (Supply of Ducklings)	Round the year	6 unit	500 birds x6 =3000 no	Proper brooding , feed management , health care & vaccination , Breed – Banraja & HITCARI

Fishery unit

Sl.No.	Enterprise	Season	Area (ha)	Unit No	Component of technology
1	Fish seed (Spawn of IMC) production programme	Pre Kharif-Kharif	Hatchery	1 unit	Modern hatchery,Use of Pituitary analog & Proper health care
2	Fish fingerlings production	Kharif	0. 31 ha	3 unit	Optimal stocking (IMC),Proper feeding & Health care
3	Magur seed production	Kharif	0.08	1 unit	Optimum stocking ,Proper feeding & Health care
4	Table fish production	Kharif to Summer	0. 4	1 unit	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	<ul style="list-style-type: none"> ➤ 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	<ul style="list-style-type: none"> ➤ Groundnut, Mustard, Paddy, Brinjal, Lentil, Sesamum,
3.	Animal /Crop/soil healthcare camp	Seasonality basis	<ul style="list-style-type: none"> ➤ 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 Ppradarshani	Winter	<ul style="list-style-type: none"> ➤ Exhibition, ex-trainees meet, Agril. Quiz, Rural sports. craft .and rural technology. ➤ Cultural, educational competition
5.	Observance day	Occasion	<ul style="list-style-type: none"> ➤ World food day, productivity week , kishan dibash, World environment day, Aranya saphah, Prani sampad saphah , Agriculture 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.	As per fund availability	Project submitted
2	Establishment of FM radio station at SBKVK	Necessary action and fallow up	1 unit	Project submitted
3	RKVY	Integrated Farming System	10 unit	continuing
4	MGNREGA	Waste land management through Orchard development	3 ha	To be done
5	AICRP(Oil Seed)	FLD on Sesamum	50 ha	Project submitted
6	Water Shed Development programme of NABARD,	Providing technical support only	1205 ha	Host Organization's project

10. Demand for fund to be filled by the Authorized Officer of the guarantee for released for installation for centre for the financial year 2013-14

1. Balance (+) due to the council (-) due from council as on 31.03.2013 : (+) 52,534.00

2. Council's share of receipt during the period from 01.04.2013 to 31.03.2014: Nil.

3. Council's share of expenditure:

S.No.	Item of expenditure	Actual expenditure in this Scheme from 01.04.2012 to 31.03.2013	Anticipated expenditure from 01.04.2013 to 31.03.2014	Recommended by BE / SMD
A.	Recurring:			
1.	Pay & Allowances	68,49,450.00	77,72,336.00	
2.	TA	1,25,000.00	1,50,000.00	
3.	Contingencies			
a)	Stationary/Tele/Electricity/etc.	1,90,129.00	2,50,000.00	
b)	Pol/Repairing of Vehicle	2,10,103.00	2,50,000.00	
c)	Training of Farmers/Farm Women	1,26,561.00	1,50,000.00	
d)	Training of Rural Youth	92,785.00	1,00,000.00	
e)	Training of Extn. Functionaries	1,204.00	25,000.00	
f)	Training Materials	75,352.00	1,00,000.00	
g)	On farm Testing	1,49,562.00	2,00,000.00	
h)	Frontline Demonstration	1,50,093.00	2,00,000.00	
i)	Maintenance Buildings	1,52,227.00	5,00,000.00	
	Total: (A)	81,22,466.00	96,97,336.00	
B.	Non-Recurring :			
4.	Boundary Wall	-	21,40,000.00	
5.	Furniture/Equipments	-	3,00,000.00	
6.	Library	-	1,00,000.00	
7.	Extn. Of Administrative Buildings(200 sqm)	-	30,00,000.00	
8.	Farmers Hostel (300 sqm.)	-	45,00,000.00	
9.	Staff Quarter (400 sqm.)	-	55,00,000.00	
10.	Land leveling	-	3,00,000.00	
11.	Road formation	-	2,50,000.00	
12.	Vehicle & implementation shed	-	9,50,000.00	
13.	New Vehicle	-	10,50,000.00	
	Total: (B)	-	1,80,90,000.00	
	Grand Total: (A + B)	81,22,466.00	2,77,87,336.00	

Total amount required from council's after adjusting amount 1 & 2 above Rs. 2, 77, 34,802.00.

Audited certificate for the financial year 2012-13 has been sent to the ZPD vide letter No. SBKVK/Demand-3/ /2013-14 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 2012-13 has been already submitted to the ZPD, Zone-II vide our Memo. No. SBKVK/E-I/ /2013-14 dated.....

Programme Coordinator
Seva Bharati Krishi Vigyan Kendra

President
Seva Bharati