

DETAILS OF VOCATIONAL TRAINING PROGRAMME SCHEDULE 2018-2019

Seva Bharati KVK, Jhargram, West Bengal – 721505

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
I/Apr/ 18	(Soil health Management) Importance and technique of green manuring crop production.	To learn the technique of soil health management	Off	1	2	20
I/ May/ 18	(Management of the Soil) Technique of soil sample collection,testing and use of fertilizer in the field.	To learn the technique of soil health management	On	1	2	20
I/June/18	(Production Management) Paddy production by use of different method of transplanting	To learn the Improved method of transplanting of paddy for increasing yield.	On	1	2	20
I/June/188	(Seed Production) Improved Package of Practices for Kharif Oilseeds and pulses seed production	To learn the Improved method of transplanting of paddy for increasing yield	Off	1	2	20
II/July/18	(Production Management) Improved Package of Practices for Kharif Maize production	To know the techniques of Maize production by using the fallow upland for getting higher income.	On	1	2	20
II/Sept/18	(Crop diversification) Technique of Kharif Pulse Production in rainfed situation	To know the Improved Package of Kharif Pulses cultivation for increasing yield from their land in rained condition of their farming community	On	1	2	20
III/Oct/18	(Nutrient Management) Importance and use of Sulpher content fertilizer in Rabi oilseeds Cultivation.	To know the use of Sulpher at proper dose and time for increasing oil content and yield.	On	1	2	20
III/Nov/18	(Management of the Soil) Technique of soil sample collection, testing and use of fertilizer in the field.	To learn the technique of soil health management	Off	1	2	20
III/Dec/19	(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	2	20
IV/Jan/19	(Production Management) Summer oilseeds crops in irrigated situation.		On	1	2	20
		Total		10	20	200

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
I/April/18	(Nursery management) Propagation techniques of different horticultural crops	To learn the improved package and practices raising forest saplings	On	1	2	20
II/July/18	(Cultivation of veg.) Organic farming of vegetable crops	To learn the vegetable cultivation through organic farming	Off	1	2	20
II/Aug/18	(Cultivation of Flower) Commercial cultivation of Flowering plants.	To learn more incoming technique through flower cultivation	Off	1	2	20
III/Nov/18	(Vegetable cultivation – Summer) Latest scientific cultivation technologies of summer vegetables.	To know the improved package and practices for summer vegetable crops in red and lateritic zone	Off	1	2	20
IV/Jan/19	(IFS) Pond Dyke cultivation of horticultural crops.	To learn about integrated farming system.	Off	1	2	20
IV/Feb/19	(Spices cultivation) Commercial cultivation of different spices.	To learn about the cultivation practices of different spices	Off	1	2	20
IV/Mar/19	(Cultivation of fruit crops) Latest scientific cultivation technologies of fruit crops.	To learn the improved package and practices of fruit cultivation in fellow medium land	Off	1	2	20
		Total		7	14	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
I/May /18	(Pest Management) Integrated pest management of summer vegetables.	1. Minimize environmental pollution. 2. Safe vegetables production.	On	1	2	20
I/June /18	(Seed Treatment) Method of seed treatment of major Kharif crop.	1. Minimize seed borne disease. 2. Keep crop healthy. 3. Protect yield loss	Off	1	2	20
II/July /18	(IPM and IDM) Management of insect pest and disease of Aman Paddy.	1. Keep crop healthy 2. Minimize the input cost 3. Protect yield loss	Off	1	2	20
II/Aug /18	(IPM and IDM) Management of insect pest and disease of Major oilseed & Pulse Crops of Paschim Medinipur.	1. Keep crop healthy 2. Minimize the input cost 3. Protect yield loss	Off	1	2	20
II/Sept /18	(IPM and IDM) Management of insect pest and disease of Major fruit Plants of Paschim Medinipur.	1. Keep Plants healthy 2. Minimize the input cost 3. Protect yield loss.	On	1	2	20
III/Oct /18	(Disease and Pest Management) Disease and pest management of the seedlings of vegetable in the nursery.	To produce healthy vegetable seedlings.	On	1	2	20
III/Nov /18	(IPM and IDM) Management of insect pest and disease of Major flowers grown in Paschim Medinipur.	1. Keep Plants healthy 2. Minimize the input cost 3. Protect yield loss.	On	1	2	20
III/Dec/18	(IPM and IDM) Management of insect pest and disease of Bitter guard.	1. Keep Plants healthy 2. Minimize the input cost 3. Protect yield loss.	On	1	2	20
IV/Jan/19	(IPM and IDM) Management of insect pest and disease of Major Winter Pulse and Oilseed crops of Paschim Medinipur.	1. Keep Plants healthy 2. Minimize the input cost 3. Protect yield loss.	Off	1	2	20
IV/Feb /19	(Pest Management) Control of storage grain pest	Protect storage loss.	Off	1	2	20
		Total		10	20	200

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
I/May/18	(Feed Management) Enrichment of Poor quality dry fodder.	To learn the method of enrichment of Paddy straw using urea, etc.	Off	1	2	20
I/June/18	(Income generation activities for empowerment of rural women) Improved backyard Poultry & Duckery management practices.	To learn improved management practices on small scale poultry & Duck rearing for egg production.	On	1	2	20
I/June/18	(Disease Management) Prevention & Control of Commonly occurring viral, bacterial and parasitic diseases in cattleand buffalo	To identify and to take preventive measures on commonly occurring cattle and buffalo diseases	Off	1	2	20
II/July/18	(Goatery Management) Free range goat farming.	To learn improved management practices on free range farming of black Bengal goat for meat and leather production.	On	1	2	20
II/Aug/18	(Back Yard farming) Improved backyard Duckery management practices.	To learn improved management practices on small scale Duck rearing for egg production.	On	1	2	20
II/Sep/18	(Disease Management) Prevention & Control of Commonly occurring viral, bacterial and parasitic diseases in Poultry	To identify and to take preventive measures on commonly occurring Poultry diseases	Off	1	2	20
III/Nov/18	(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
III/ Dec /18	(Disease Management) Prevention & Control of Commonly occurring diseases of goat and sheep	To identify and to take preventive measures on commonly occurring disease of goat and sheep	On	1	2	20
IV/Jan/19	(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
IV/Mar/19	(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
		Total		10	20	200

Discipline – Fisheries

Qr. /Month /Year	(Thematic Area) & Title of the course	Course objective	Type of Training On/Off-Campus	No .of course	Duration (Days)	No .of trainee per course
I/Apr18	(Resource Management) Pre-stocking management in fish culture	To learn the improved methods of pond preparation before stocking of Spawn & Fry	On	1	2	20
I/June /18	(Fish production) Rearing of Fish Fry, Fingerling and Stunted Yearling	To learn the management practices of fry & Fingerling rearing in seasonal ponds	On	1	2	20
II / Sep/18	(Fish Feed preparation) Preparation of low-cost fish feed (using Agri. & farm waste and by-products)	To identify the locally available Agri. & farm waste that can be 5utilized as ingredients for fish feed preparation	Off	1	2	20
III /Oct/18	(Fish Health Management) Prevention & control of (commonly occurring) fish diseases	To identify and to take preventive measures of commonly occurring fish diseases in the locale	Off	1	2	20
III/ Dec/18	(Resource Management) Integrated fish farming with a special emphasis on Whereabouts of fish farming during winter season (Fish –cum –pig /Duck/poultry)	To learn the principles and management practices of Integrated Fish –cum – pig farming.	On	1	2	20
		Total		5	10	100

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
I/ April/18	(Watershed Development) Soil and water conservation measures for are treatment.	To learn about site selection, seepage control measures for water harvesting.	Off	1	2	20
I/May/ 18	(Watershed Development) Land treatment technique for water harvesting	To adopt the Land treatment technique for water harvesting	Off	1	2	20
I/ June /18	(Agriculture tools management) Package of improved agricultural machinery for paddy cultivation	To know and to select the machinery for their farming system	On	1	2	20
I/July/ 18	(Agriculture tools /machinery management) Operation and maintenance of farm power machinery	To learn operation & to perform the preliminary maintenance on their own	On	1	2	20
II / Sep/18	(Micro irrigation) Installation and maintenance of sprinkler irrigation system	To know the techniques of installation and maintenance of sprinkler Irrigation system	On	1	2	20
III/Oct./18	(Conservation tillage Technology) Operation and maintenance of zero tillage machines and paddy transplanters, drum seeder, ballers etc	To know about conservation tillage technology and use & maintenance	On	1	2	20
III/ Dec. /18	(Agriculture tools /machinery management) Package of improved agricultural machinery for groundnut & potato cultivation	To know and to select the machinery for their farming system	On	1	3	20
IVI/Jan/ 19	(Drudgery reduction) Gender friendly Equipment for farmwomen	To perform farm operation with less drudgery by using improved agril. Implements	On	1	2	20
IV/Feb/ 19	(Protective Farming) Construction & maintenance of poly tunnel, shed nets and use of mulching	To learn about the use of poli tunnel Shed net in their own farm.	On	1	2	20
		Total	On/Off	9	26	230

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
I/April/18	(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	Off	1	2	20
I/ May/18	(INM) Application of Bio- Bio-fertilizer in crop production.	To aware and learn about the Bio- fertilizer to reduce cost and improvement of quality production.	On	1	2	20
II/ July/18	(IPM) Application of Bio-pesticides in crop protection.	To aware and learn about the Bio-pesticide to reduced cost and improvement of quality production.	Off	1	2	20
II/ Sept /18	(Soil Reclamation) Application of Lime in acid soil	To aware and learn about the Lime application to correction of the soil Ph and enhance the yield of crop.	Off	1	2	20
III/Oct/18	(Formation & management of SHG) Orientation and awareness programme on Self Help Group formation.	To create an awareness on group formation and monitoring of group for establishment of self-entrepreneurship.	Off	1	2	20
III / Dec /18	Capacity Building Capacity building of SHG groups through sal leaf plate stitching and moulding.	To aware and learn about the Bio- fertilizer to reduced cost and improvement of quality production.	On	1	2	20
IV / Jan /19	(IPM) Application of Bio-pesticides in crop protection.	To aware and learn about the Bio-pesticide to reduced cost and improvement of quality production.	On	1	2	20
IV / Feb /19	(Income generation) Income generation through processing and value addition of agricultural produce..	To aware and learn about the Technologies for generating the income-	Off	1	2	20
		Total		08	16	160

Discipline – Soil Science

Qr./ month/ year	(Thematic area) Title of the course	Course objective	Type of training	No. of course	Duration (days)	No. of trainee per course
I/May/18	(Nutrient management) Application of balanced fertilizer in Rice crop.	To know about the use of balanced fertilizer doses for maximum yield in rice crop.	Off	1	2	20
I/June/18	(Management of problematic soil) Application of lime to neutralize soil pH in rice crop field	To learn the soil health management through lime application	Off	1	2	20
II/Sept/18	(Management of problematic soil) Application of lime to neutralize soil pH for vegetable cultivation	To learn the soil health management through lime application	On	1	2	20
III/ Nov/18	(Nutrient management) Importance and use of micronutrient application for vegetable production	To know about the use of Sulphur, Boron and zinc in vegetable production.	Off	1	2	20
III/Dec/18	(Nutrient management) Importance and use of micronutrient application for pulse and oilseed production	To know the use of micronutrients in crop production	On	1	2	20
		Total		5	10	100

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
I/May/18	(Vermi culture) Production of Vermi-compost	To learn the techniques of quality manure with the use of earthworm and preparing Vermi-compost	On	1	7	15
II/July./18	(Seed Production) Quality seed production of Cereals.	To learn the techniques of seed production for getting the farm income from their own land	On	1	7	15
III/Nov/18	(Seed Production) Quality seed production of Cereals.	To learn the techniques of seed production for getting the farm income from their own land	On	1	7	15
III/Dec/18	(Soil Testing) Method of soil testing for different essential plant nutriments available in the soil.	To learn about the latest Method of soil testing for self employment trough soil testing lab	On	1	7	15
		Total		04	28	60

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
I/June/18	(Nursery management) Nursery Management (Gardener Training).	To develop the Knowledge & Skill on Nursery Management	On	01	07	15
II/Sept/18	(Protective cultivation) Protected cultivation of off season vegetable Crops	Production of off-season and high value vegetable crops	On	01	07	15
III/Dec/18	(Post Harvest Technology) Post Harvest Management and different processing techniques of some horticulturalcrops	To know the latest Post Harvest Techniques of different Horticultural crops	On	01	07	15
		Total		03	21	45

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
I/April/18	(Bee Keeping) Modern Technique of Bee Keeping.	Create Self Employment for the rural youth.	On	1	7	20
II/July/18	(Capacity building) Development of Phasal Suraksha Mitra	Create Self Employment for the rural youth.	On	1	7	20
III/Nov/18	(Bee Keeping) Modern Technique of Bee Keeping.	Create Self Employment for the rural youth.	On	1	7	20
		Total	-	3	21	60

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
I/May/18	(Duck farming) Duck Farming (Khaki campbell& White Pekin)	To learn improved management practices on Duck farming for egg & meat production.	On	1	7	15
I/June/18	(Entrepreneur Development) Paravet Vety(Vet.First-Aid)	To learn about vet., First-Aid for self employment	On	1	7	15
II/July/18	(Pig Farming) Piggery Management	To learn about Scientific Farming of Pigs	On	1	7	15
II/Sep/18	(Poultry farming) Poultry Farming (Broiler & Layer)	To learn improved management practices on poultry farming for meat & egg production.	On	1	7	15
III/Oct/18	(Income generating activity) Backyard Poultry Farming (Layer)	To learn improved management practices on poultry farming for meat & egg production.	On	1	7	15
III/Dec / 18	(Entrepreneur Development) Paravet Vety(Vet.First-Aid)	To learn about vet., First-Aid for self employment	On	1	7	15
IV/Jan/19	(Duck farming) Duck Farming (K.C& White Pekin)	To learn improved management practices on Duck farming for egg & meat production.	On	1	7	15
		Total		7	49	105

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
I/ May /18	Fish Seed Production Induced Breeding Techniques of Indian Major Carps (IMC)	To learn the techniques involved in Induced Breeding of IMCs	On	1	7	15
II/ Aug /18	Resource Management Methods of Integrated Fish Farming	To learn the principles and management practices of Integrated Fish Farming	On	1	7	15
III/Nov /18	Fish Production Culture Practices of Stunted Yearling in Production Pond	To learn the management practices of stunted yearling and intensive feeding strategies for accelerating the growth within a short culture period	Off	1	7	15
		Total		3	21	45

Discipline – Agricultural Engineering

Qr. /Month /Year	(Thematic Area) Title of the course	Course objective	Type of Training On	No .of course	Duration (Days)	No .of trainee per course
I/May/18 21-26 May	(Watershed Development) Net Planning Technique and treatment measures	To learn the the net planning technique and application of soil and water husbandry practices	On	1	6	15
I/June/18 25-30 June	(Care& maintenance of Farm machinery & Implements) Repair and Maintenance of Diesel Engine Pumpset	To learn overhauling of diesel engine pump sets	On	1	6	15
II/July/18 23-28 July	(Care& maintenance of Farm machinery & Implements) Repair and maintenance of paddy production machineries	To learn and demonstrate the paddy production machineries and their Repair and maintenance	On	1	6	15
III/ September/18 10-15 September	(Care& maintenance of Farm machinery & Implements) Improve agricultural implements, equipments, and machinery for custom and hiring.	To organize rural youth for income generation through custom and hiring	On	1	6	15
III/November18 19-21 November	(Micro irrigation System) Installation and maintenance of Drip Irrigation System	To learn about execution of drip irrigation system	On	1	6	15
		Total	-	5	30	15

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
I/June/18	(capacity building and Income Generation) Capacity Building and income generation of Self Help Groups	Brings farmers in a formal group and learn the process of formation of farmers club	On	1	7	15
II/August /18	(capacity building and group dynamics) Formation and management of farmers club for betterment of this community.	To brings the women under formal group and make them self supported through need based enterpenureship development	On	1	7	15
III /Nov/18	(capacity building and group dynamics) Agro- eco system analysis through PRA tools.	To learn the PRA technique, become a expert and earn by providing his expertise to the other agencies	On	1	7	15
	Total 03			03	21	45

Discipline – Soil Science

Qr./ month/ year	(Thematic area) Title of the course	Course objective	Type of training	No. of course	Duration (days)	No. of trainee per course
II/ July/18	(Organic manure production) Production of vermi compost.	To learn technique of vermin compost production and its use.	On	1	7	15
II/ August/18	(Soil testing) Methods of soil testing for determination of available plant nutrients present in soil.	To learn about the latest method of soil testing for self employment through soil testing lab.	On	1	7	15
IV/ January/19	(Organic vegetable cultivation) Methods and process of seasonal organic vegetable cultivation	To learn about the latest techniques of organic vegetable cultivation and its marketing.	On	1	7	15
	Total			3	21	45

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
I/May /18	(Mixed Farming) Orientation training on Mixed Farming	To aware and learn about the Resources with proper management for increasing farm income from their land	On	1	2	15
		Total		1	2	15

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
I/May /18	(Veg. production) Improved package & practices of Kharif Onion production	To learn about the improved package & practices for production of Kharif Onion	On	1	2	15
III / Oct / 18	(Floriculture) Orientation training on ornamental, medicinal & aromatic plants.	To learn about the suitable ornamental, medicinal & aromatic plants of red & lateritic zone.	On	1	2	15
		Total	-	2	4	30

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
II/Aug./18	(Pest Management) Concept and Principal of Biological control of insect pest and diseases.	To create awareness for organic food production	On	1	2	20
		Total		1	2	20

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
II/Sep/ 18	(Poultry management) Orientation programme on promotion of new breeds for Backyard Poultry specially Haringhata black and aseel	To learn about the suitable breeds of poultry birds for egg and meat production.	On	1	2	15
III/Nov/ 18	(Duckery Management) Orientation programme on promotion of new breeds for Backyard Duckery.	To learn about the suitable breeds of Duck birds for egg and meat production.	On	1	2	15
Total				2	4	30

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
IV /Jan / 19	Role of Fisheries based television programmes in disseminating latest farming information	To learn the effectiveness of fisheries based television programmes	Off	1	2	15
IV /Feb / 19	Production and Promotion of <i>Amur</i> Carp and <i>Jayanti</i> Rohu	To learn about different measures of Production and Promotion of <i>Amur</i> Carp and <i>Jayanti</i> Rohu	Off	1	2	15
Total				2	4	30

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
I/ May/18	(Water shed management) Participatory watershed development	To know about Integrated watershed management techniques for watershed development	On	1	2	15
I /June/18	(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	2	15
II/August/18	(custom & hiring services) Operation and maintenance of farm machinery hub for cooperatives society	To aware about importance and use of FARM MACHINERY HUB AND ITS EFFICIENT management	On	1	2	15
III/Dec/18	(Micro irrigation system) Installation and maintenance of Micro irrigation system	To know the techniques water saving irrigation device through Drip & Sprinkler.	On	1	2	15
Total			On	4	8	60

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
I/April/18	(Group Dynamics & Agro ecosystem analysis) Orientation and capacity building to village level worker for technology dissemination in grass root level.	To develop a capacity for technology dissemination in such a way that rural people can easily access and adopt the technology in their social system.	On	1	2	15
Total				1	2	15