

Transfer of Technologies

1. Trainings :

On Campus / Off Campus

Thematic area
(A) Farmers & Farm Women
I Crop Production
Weed Management
Resource Conservation Technologies
Cropping Systems
Crop Diversification
Integrated Farming
Water management
Seed production
Nursery management
Integrated Crop Management
Fodder production
Production of organic inputs
II Horticulture
a) Vegetable Crops
Production of low volume and high value crops
Off-season vegetables
Nursery raising
Exotic vegetables like Broccoli
Export potential vegetables
Grading and standardization
Protective cultivation (Green Houses, Shade Net etc.)
b) Fruits
Training and Pruning
Layout and Management of Orchards
Cultivation of Fruit
Management of young plants/orchards
Rejuvenation of old orchards
Export potential fruits
Micro irrigation systems of orchards
Plant propagation techniques
c) Ornamental Plants
Nursery Management
Management of potted plants
Export potential of ornamental plants
Propagation techniques of Ornamental Plants
d) Plantation crops
Production and Management technology
Processing and value addition
e) Tuber crops
Production and Management technology
Processing and value addition
f) Spices
Production and Management technology
Processing and value addition
g) Medicinal and Aromatic Plants
Nursery management

Production and management technology
Post harvest technology and value addition
III Soil Health and Fertility Management
Soil fertility management
Soil and Water Conservation
Integrated Nutrient Management
Production and use of organic inputs
Management of Problematic soils
Micro nutrient deficiency in crops
Nutrient Use Efficiency
Soil and Water Testing
IV Livestock Production and Management
Dairy Management
Poultry Management
Piggery Management
Rabbit Management
Disease Management
Feed management
Production of quality animal products
V Home Science/Women empowerment
Household food security by kitchen gardening and nutrition gardening
Design and development of low/minimum cost diet
Designing and development for high nutrient efficiency diet
Minimization of nutrient loss in processing
Gender mainstreaming through SHGs
Storage loss minimization techniques
Value addition
Income generation activities for empowerment of rural Women
Location specific drudgery reduction technologies
Rural Crafts
Women and child care
VI Agril. Engineering
Installation and maintenance of micro irrigation systems
Use of Plastics in farming practices
Production of small tools and implements
Repair and maintenance of farm machinery and implements
Small scale processing and value addition
Post Harvest Technology
VII Plant Protection
Integrated Pest Management
Integrated Disease Management
Bio-control of pests and diseases
Production of bio control agents and bio pesticides
VIII Fisheries
Integrated fish farming
Carp breeding and hatchery management
Carp fry and fingerling rearing
Composite fish culture
Hatchery management and culture of freshwater prawn
Breeding and culture of ornamental fishes
Portable plastic carp hatchery
Pen culture of fish and prawn
Shrimp farming

Edible oyster farming
Pearl culture
Fish processing and value addition
IX Production of Inputs at site
Seed Production
Planting material production
Bio-agents production
Bio-pesticides production
Bio-fertilizer production
Vermi-compost production
Organic manures production
Production of fry and fingerlings
Production of Bee-colonies and wax sheets
Small tools and implements
Production of livestock feed and fodder
Production of Fish feed
X Capacity Building and Group Dynamics
Leadership development
Group dynamics
Formation and Management of SHGs
Mobilization of social capital
Entrepreneurial development of farmers/youths
WTO and IPR issues
XI Agro-forestry
Production technologies
Nursery management
Integrated Farming Systems
(B) RURAL YOUTH
Mushroom Production
Bee-keeping
Integrated farming
Seed production
Production of organic inputs
Integrated Farming
Planting material production
Vermi-culture
Sericulture
Protected cultivation of vegetable crops
Commercial fruit production
Repair and maintenance of farm machinery and implements
Nursery Management of Horticulture crops
Training and pruning of orchards
Value addition
Production of quality animal products
Dairying
Sheep and goat rearing
Quail farming
Piggery
Rabbit farming
Poultry production
Ornamental fisheries
Para vets
Para extension workers

Composite fish culture
Freshwater prawn culture
Shrimp farming
Pearl culture
Cold water fisheries
Fish harvest and processing technology
Fry and fingerling rearing
Small scale processing
Post Harvest Technology
Tailoring and Stitching
Rural Crafts
(C) Extension Personnel
Productivity enhancement in field crops
Integrated Pest Management
Integrated Nutrient management
Rejuvenation of old orchards
Protected cultivation technology
Formation and Management of SHGs
Group Dynamics and farmers organization
Information networking among farmers
Capacity building for ICT application
Care and maintenance of farm machinery and implements
WTO and IPR issues
Management in farm animals
Livestock feed and fodder production
Household food security
Women and Child care
Low cost and nutrient efficient diet designing
Production and use of organic inputs
Gender mainstreaming through SHGs

2. Front Line Demonstration :

Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety Entre-prizes	No. of farmers				
						S C	ST	OB C	Others	Total
Oilseeds										
ICM	Groundnut	Kharif-2015	Land configuration	5	GG-6/9	-	10	-	-	10
IDM	Groundnut	Kharif-2015	Management of wilt/root rot	2	GG-6/9	-	10	-	-	10
ICM	Groundnut	Rabi-summer-2015-16	High yielding variety	5	TG-37-A	-	10	-	-	10
INM	Soybean	Kharif-2015	INM	10	GS-2	-	20	-	-	20
ICM	Castor	Kharif-2015	New variety	5	GCH-5/7	-	10	-	-	10
Pulses										
ICM	Pigeon pea	Kharif-2015	High yielding variety	5	Vaishali	-	10	-	-	10
IPM	Pigeon pea	Kharif-2015	IPM	3	Vaishali	-	10	-	-	10
ICM	Gram	Rabi-summer-2015-16	High yielding variety	5	PKV-2/ GG-3	-	10	-	-	10

Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety Entre-prizes	No. of farmers				
						S C	ST	OB C	Others	Total
IDM	Gram	Rabi-summer-2015-16	Management of wilt	5	GG-2	-	10	-	-	10
ICM	Green gram	Rabi-summer-2015-16	New variety	5	Pusha Vishal/ Co-4/ Meha	-	10	-	-	10
Cereals										
ICM	Paddy	Kharif-2015	SIRA method	10	NAUR-1	-	20	-	-	20
ICM	Paddy	Kharif-2015	SRI method	5	GNR-3	-	10	-	-	10
ICM	Paddy	Kharif-2015	New variety	5	GAR-13	-	10	-	-	10
ICM	Paddy	Kharif-2015	New variety	5	Purna	-	10	-	-	10
IPM	Paddy	Kharif-2015	IPM	5	Released by NAU	-	15	-	-	15
ICM	Maize	Rabi-2015-16	New variety	15	HQPM/ babycorn/ composite /sweet corn	-	30	-	-	30
Drudgery reduction	Paddy	Late Kharif-2015	Use of improved NAVEEN sickle (Serrated blade sickle) for paddy harvesting	30 No.	-	-	30	-	-	30
Storage loss minimization techniques	Cereals	2015-16	Use of plastic bags for storage	30 No.	-	-	30	-	-	30
Commercial crops										
ICM	Sugarcane	Rabi-2015-16	New variety	2	Co-07072 (early)	-	5	-	-	5
IPM	Cotton	Kharif-15	IPM	5	Bt	-	-	-	10	10
Fruits										
IPM	Mango	Summer-2015	Management of fruit fly	3	-	-	10	-	-	10
INM	Banana	2015-16	INM	2	Grand Naine	-	2	-	4	6
INM	Watermelon	Rabi-2015-16	INM	2	Hybrid	-	5	-	5	10
IPM	Watermelon	Summer-2015	Management of fruit fly	3	Hybrid	-	5	-	5	10
Vegetables										
INM	Brinjal	Rabi-2015-16	INM	2	Surti ravaia	-	8	-	-	8
IPM	Brinjal	Rabi-2015-16	IPM	3	Surti ravaia	-	10	-	-	10
INM	Okra	Rabi-2015-16	INM	2	Hybrid	-	8	-	-	8
ICM	Cauliflower	Late Kharif-2015	Introduction of new high value crop	3	Pusa early	-	10	-	-	10

Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety Entre-prizes	No. of farmers				
						S C	ST	OB C	Others	Total
ICM	Tomato	Rabi-2015-16	Introduction of new variety	3	Arka Rakshak	-	10	-	-	10
IPM	Okra	Rabi-2015-16	IPM	3	Hybrid	-	10	-	-	10
ICM	Indian bean	Kharif-2015	New variety	2	NPS-1	-	8	-	-	8
Drudgery reduction	Okra	Rabi-2015-16	Use of Okra plucker for plucking Okra	30 No.	-	-	20	-	-	20
Drudgery reduction	Vegetables	Rabi-2015-16	Use of Twin wheel hoe for weeding	10 No.	-	-	10	-	-	10
Other than above										
Nutritional Kitchen gardening	Nutritional Kitchen gardening	Kharif-2015	Lay out of kitchen garden and techniques of sowing & planting	20 No.	-	-	20	-	-	20
Disease management	Goat	2015-16	Eradication of ectendoparasites using ivermectin inj. @0.2 mg/kg b.wt	100 No.	-	-	100	-	-	100
Disease management	Buffalo	2015-16	Importance of Ovulanta (Clomiphen and minerals) Minerals) for infertility cure	50 No.	-	-	50	-	-	50
Nutrition management	Buffalo	2015-16	Use of bypass fat to avoid negative energy balance in buffaloes and to maintain milk fat%	20 No.	-	-	20	-	-	20
Disease management	Cow	2015-16	Use of Saaf kit (iodine solvent) for prevention of Mastitis.	30 No.	-	-	30	-	-	30
Disease management	Cow	2015-16	Use of probiotic powder for increasing production performance	20 No.	-	-	20	-	-	20

3. On Farm Testing :

- ✓ Low yield of Gram (on going)
- ✓ Planting geometry in okra (on going)
- ✓ Integrated nutrient management through Fertigation in papaya (on going)
- ✓ Ecofriendly pest management in okra (on going)
- ✓ Design and development of low cost high protein and high energy rich diet for preschool tribal children to prevent malnutrition. (on going)

- ✓ Designing and development of low cost iron rich diet to prevent iron deficiency Anemia in tribal farm women. (on going)
- ✓ 'Effect of concurrent use of mineral mixture and deworming on growth rate of calves. (on going)
- ✓ Impact of Poultry concentrate feeding and anthelmintic drugs on Egg production (on going)
- ✓ Nutrient Management in transplanted paddy (New)
- ✓ Assessment of stem application method of insecticides for the management of sucking pest in Okra (New)