

**AGRICULTURAL EDP**

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## II. AGRICULTURAL EDP

### MODULE - I

#### INTRODUCTION & BEHAVIORAL ASPECTS

#### CONTENTS AND METHODS:

Subject	Content	Methodology	No. of sessions
About the Institute	Objectives of the training programme, activities of the institute, usefulness of the programme, highlighting the success stories	Lecture, presentations, interaction, video	1
Micro lab	Ice breaking - Breaking the barriers, sharing of thoughts, improving interpersonal skills, heterogeneous to homogeneous group	Game, skit, role play, sharing experience & thoughts	2
Achievement motivation	Empowerment - Developing self confidence, motivation, removing inferiority and low self esteem, importance of positive attitude & human values	Lecture, story telling, interactions, audio & videos	1
Why Self Employment/ Entrepreneurship Development	Advantages of self employment over wage employment Entrepreneurship - A new dimension to self employment - Concept and description	Lecture, story telling, interactions, audio & videos	1
Entrepreneurial Competencies	Description of 15 competencies & their importance - Narrations with examples	Lecture, interactions, case study	2
Self Rating Questionnaire (SRQ)	Self evaluation - Identification of competencies - Internalization of competencies	Self Rating Questionnaire	Post evening
Tower Building exercise	Competencies - Developing self confidence, eradication of dependency syndrome	Administering the game and its analysis, interaction/discussions	1
Boat Building exercise	Competencies - Systematic planning and efficiency orientation, concern for quality	Administering the game and its analysis, interaction/discussions	2
Problem Solving	Diagnosis of problems, their types, use of creativity for finding alternative solutions	Lecture, games and exercises	1

**MODULE - II**

**SKILL ACQUISITION / TECHNICAL INFORMATION**

**CONTENTS AND METHODS:**

Subject	Content	Methodology	No. of sessions
Skill Training - Technical information and knowledge	Technical inputs depending on the type of training programme. The sequencing and the duration of this training will be as per the details furnished in the respective time table	Interactive lecture sessions, demonstrations, discussions, hands on experience, field visit, presentations, audio and video interaction, Theory & Practical	As per the respective timetable

**MODULE - III**

**ENTERPRISE LAUNCHING ASPECTS**

**CONTENTS AND METHODS:**

Subject	Content	Methodology	No. of sessions
Business Plan Preparation	Why & what of business plan?, format - process of preparation, understanding the concepts i.e. Fixed cost, variable cost, break even point, assessment of working capital - practical preparation	Lecture, exercise, group discussions, presentations, analysis, evaluation	2
Banking	Banking - Background & its services, deposits & advances, lending schemes, Government schemes, supporting facilities for entrepreneurs	Lecture & interaction with Branch Manager/s	2
Insurance	Need for insurance and its advantages, types, schemes, coverage, premium, exclusion clause, claim settlement	Lecture & interaction	1
Interaction with successful entrepreneur/ visit to successful unit	Experience sharing, first hand information for starting the enterprise, strategies for problem solving, logistics, clarification of doubts	Lecture, interaction & visits - practical field exposure	1

Subject	Content	Methodology	No. of sessions
Launching Formalities	Viability of selected project, selection of place, source of funds, licensing & logistics, supply of electricity & water, fixing of furniture/equipment, labour, raw materials, suppliers & procurement, production/servicing, identifying the customer presentations group, marketing, profit, evaluation	Lecture, exercise, group discussions, presentations, lecture, exercise, group discussions, presentations	1
Pitfalls in Launching	Improper selection of project & place, inadequacy of knowledge/ skill/ information, supporting factors, situational factors, change of technology, inadequate infrastructure, changing market trend, Government policies, improper finance, misutilisation of funds	Lecture, exercise, group discussions, presentations, lecture, exercise, group discussions, presentations	1

### MODULE - IV

#### MANAGERIAL ASPECTS

#### CONTENTS AND METHODS:

Subject	Content	Methodology	No. of sessions
Marketing Management	Marketing aspects - marketing strategy, 4Ps of marketing, marketing of specific agricultural products, Co-operatives in marketing agricultural commodities- APMC, Milk Federation, etc.	Lecture, discussions, interaction	1-2
Time Management	Importance, efficient time management techniques, correlation between time & stress, delegation of work, commitment to work contract, etc	Lecture and exercises	1

Subject	Content	Methodology	No. of sessions
Effective Communication skills	Need and importance of effective communication, types of communication, body language, listening skills, art of convincing and negotiation	Lecture, exercises, demonstration, role play	1
Human Relations	Need, importance & tips for better human relations, human values, networking, Self interest vs. selfishness, honesty and integrity, positive thinking	Lecture and exercises	1

**Note:**

1. *After the session on entrepreneurial competencies, other behavioural inputs may be spread in between other inputs to reinforce the competencies. The duration of sessions of all the above inputs may vary in the agricultural EDPs from course to course depending on its utility.*
2. *In skill Development programmes, the General EDP inputs will be distributed in a specific sequence as denoted in the respective course modules*

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## COMPREHENSIVE AGRICULTURE & ALLIED ACTIVITIES

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of training/institute
	III & IV	Micro lab - Ice breaking exercise
02	I	Achievement Motivation - Confidence building
	II	Entrepreneurship Development - What, Why & How?- (introduction)
	III & IV	Entrepreneurial competencies - importance, explanation with examples, case study for identification of different competencies
03	I	Present Agricultural scenario in the country - prospects
	II	Recent advances in agricultural bio-tech crops
	III & IV	Soil, formation, fertility and productivity/ Sampling analysis and soil test reports.
	Post evening	Tower building - eradicating dependency syndrome
04	I & II	Plant nutrients, major & minor elements, role and deficiency Symptoms - Balanced nutrients
	III & IV	High Yielding Farming techniques v/s organic farming techniques - A comparison. Use of fertilizers & organic manures, vermi composting
05	I	Role of beneficial insects, microbes and other fauna, organisms - Balanced ecosystem
	II	Major agro climatic zones & selection of crops
	III	Seed production - methodology, certification procedure etc
	IV	Role of quality seeds in production, its importance & practices to be followed
06	I	Varieties of crops, hybrids v/s varieties out of selection - Description
	II	Major food crops of the region (3 to 4 crops) - package of practices
	III	Major commercial field crops of the region (3 to 4 crops) - package of practices
	IV	Dry land farming techniques - Insitu moisture conservation-practices
07	I	Efficient irrigation systems - sprinkler irrigation & drip irrigation etc
	II	Integrated farming systems for small & marginal farmers
	III & IV	Common insects/pests & diseases of the major crops of the region & their control, integrated pest management
08	I & II	Major horticulture crops of the region (3 to 4 crops, fruits crop, plantation crops, vegetable crops) - package of practices
	III	Scope & cultivation of medicinal & Aromatic Plants
	IV	Problem solving-explanation through case studies and exercises, creativity - creative thinking
09	I	High-tech Agriculture, scope description, use of latest machineries & implements for farming
	II	Pisciculture-description, scope, Inland fisheries - economics
	III & IV	Visit to progressive farm/research station, interaction with farmers/agri scientist
10	I	Dairy farming, breeds, selection of breeds, artificial insemination - management aspects for clean milk production, milk products
	II	Nutrition & feeding of dairy animals, preparation of feeds & use of azola, fodder crops, calf management,

Day	Session	Subject
	III	Dairy animals - important diseases & their control, vaccination, economics of a dairy unit
	IV	Risk taking and goal setting - Ring Toss exercise
11	I	Rearing of sheep, piggery, rabbit, and backyard poultry for supplementary income to small & marginal farmers.
	II & III	Plant propagation techniques - grafting, budding, layering, tissue culture
	IV	Commercial Nursery Management
	Post evening	Time Management
12	I	Agro Processing - Fruit & vegetable preservation
	II	Agri business - a new avenue, description & scope
	III & IV	Business Opportunity Guidance - Description of methodology, case study - group exercise & product Adalat - selection of product/service
	Post evening	Supporting Institutions & development schemes
13	I	Renewable Energy, an appropriate alternative - description, scope
	II	Marketing of Agricultural produces
	III	Crop planning & preparation of farm models - farm budgeting
	IV	Preparation of Project Reports of Agriculture investments-projection of financial outlay
	Post evening	Supporting Institutions & development schemes
14	I	Insurance for Agriculture & Allied Activities
	II & III	Banking-deposits & advances, lending schemes to agricultural sector, Government schemes
	IV	Feedback & Valedictory

**Space for updations/additions:**

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## DAIRY FARMING

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of training/institute
	III	Micro lab - Ice breaking exercise
	IV	Achievement Motivation - confidence building
02	I	Entrepreneurial competencies - importance, explanation with examples, case study for identification of different competencies
	II	Dairy farming as a sustainable self employment venture - prospects
	III	Dairy farming, breeds of cows and buffaloes, up gradation of cattle by cross breeding, selection of animals
	IV	Dairy farming - methodology of correct practices, misconceptions
03	I	Nutrition & feeding of dairy animals, preparation of feeds & use of azola
	II	Fodder crops - description, cultivation aspects
	III	Calf rearing & calf management practices for production of a healthy cow/buffaloes
	IV	Cattle shed - construction, importance of hygiene & cleanliness - management practices
	Post evening	Tower building - eradicating dependency syndrome
04	I	Dairy animals - important diseases & their control, vaccination
	II	Artificial insemination - procedural details, management of animals in pregnancy
	III	Production of a clean milk - practices, milk products
	IV	Banking-deposits & advances, lending schemes to agricultural sector, Government schemes
05	I	Field visit for interface with successful dairy farmers
	II	Use of cow dung & urine for preparation of Farm Yard Manure (FYM), bio gas plant, compost pit preparation
	III	Economics of a Dairy unit - preparation of project report
	IV	Time Management
06	I	Insurance
	II	Problem solving-explanation through case studies and exercises, creativity - creative thinking
	III	Renewable Energy, an appropriate alternative - description, scope
	IV	Feedback & Valedictory

Space for updations/additions:

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## DAIRYING AND VERMI COMPOSTING

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of training/institute
	III & IV	Micro lab - Ice breaking exercise
02	I	Achievement Motivation - confidence building
	II	Entrepreneurship Development - What, Why & How?- (introduction)
	III & IV	Entrepreneurial competencies - importance, explanation with examples, case study for identification of different competencies
03	I	Dairy farming as a sustainable self employment venture - prospects
	II	Dairy farming - Breeds of cows & buffaloes, up gradation of cattle by cross breeding, selection of animals
	III	Tower building - Eradicating dependency syndrome
	IV	Dairy farming - Methodology of correct practices, misconceptions
	Post evening	Nutrition & feeding of dairy animals - Preparation of feeds & use of azola
04	I	Fodder crops - Description, cultivation aspects
	II	Calf rearing & calf management - Practices for production of a healthy cow/ buffalo
	III	Cattle shed - Construction, importance of hygiene & cleanliness, maintenance practices
	IV	Dairy animals - Important diseases & their control, vaccination
05	I	Artificial insemination - Procedural details, management of animals in pregnancy
	II	Production of clean milk - Practices, milk products
	III & IV	Milk Marketing - Co-operative set up, description
06	I	Organic farming - Significance & scope
	II	Vermi composting as a self employment activity
	III	Bio-gas plant - Usage, description
	IV	Use of cow dung & urine for preparation of Farm Yard Manure (FYM), composting-Description
07	I	Vermi composting methodologies - Details & description
	II	Vermi composting - Selection of site & organic materials
	III & IV	Vermi Composting - Practical demonstration, preparation of pits, filling of pits, dressing materials, manure & earthworm
08	I & II	Field visits for interface with successful dairy farmers/ entrepreneurs of vermi compost
	III	Problem solving-explanation through case studies and exercises, creativity-Creative thinking
	IV	Vermi compost - Usage & dosage for major crops, analysis of nutrients, packaging & marketing of vermi compost
09	I & II	Profitable Dairy farming - Economics of a Dairying unit, preparation of project report
	III	Renewable Energy, an appropriate alternative - Description, scope
	IV	Time Management
10	I	Effective communication skills
	II	Insurance cover for Dairying
	III	Banking - Advances & deposits- lending schemes to Agricultural Sector
	IV	Feedback & Valedictory

## ADVANCED DAIRY MANAGEMENT

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of the training/institute
	III & IV	Micro lab - Ice breaking exercise
02	I	Achievement Motivation - Confidence building
	II	Why Self employment - Advantages over wage employment, Entrepreneurship Development - What, Why & How? - (introduction)
	III & IV	Entrepreneurial competencies - Importance, explanation with examples, case study for identification of different competencies
03	I	Briefing about BAIF & its Projects
	II	Briefing about Ksheeradhara programme & its objective
	III & IV	Importance of livestock in Indian Scenario, particularly cows & buffaloes, Identification of different breeds and blood level of animals
04	I to IV	Description of breeds - Cows and buffaloes, exercise for assessing blood level of animals
05	I	Tower Building - Decision making & eradicating dependency syndrome
	II to IV	Breeding of cows and buffaloes, female reproductive system - Description
06	I & II	Effective communication skills
	III & IV	Breeding policy of the state, Casting of animals
07	I	Problem Solving - Explanation through case studies and exercises
	II to IV	Systems of mating/breeding & its importance Handling of specimen of female genital organ, fodder species
08	I & II	Handling specimen of female reproductive organs
	III & IV	Palpation of female reproductive system
09	I	Experience sharing - Interaction with successful entrepreneur
	II to IV	Symptoms of heat, Handling of female reproductive system
10	I	Business game - Boat Building Exercise
	II to IV	Third eye - Internalization of competencies Hormonal regulation of estrus cycle, Handling of Artificial Insemination equipment, semen, LN2
11	I to IV	Methods of breeding, Artificial Insemination technique
12	I to IV	Semen doses, Thawing
13	I & II	Market survey - Theory
	III & IV	Artificial Insemination Guns and their description & uses, Artificial insemination
14	I to IV	Description of different sheaths Pregnancy diagnosis
15	I	Marketing management - 4 Ps of marketing, managing the customers
	II to IV	Liquid nitrogen & its importance
	Post evening	Risk taking and goal setting - Ring Toss exercise
16	I & II	Handling of Artificial Insemination equipment, semen, and LN2 Identification of different feeds and fodder
	III & IV	Pregnancy diagnosis in cows & buffaloes
17	I	Time Management
	II to IV	Handling of genital organs of cows & buffaloes
18	I to IV	Heat detection and Artificial Insemination
19	I & II	Visit to successful entrepreneur units



## SERICULTURE

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of training/institute
	III & IV	Micro lab - Ice breaking exercise
02	I	Achievement Motivation - confidence building
	II & III	Entrepreneurial competencies - importance, explanation with examples, case study for identification of different competencies
	IV	History, scope/importance of sericulture
03	I	Methods of mulberry cultivation
	II	Grainage & its activities
	III	Chawki rearing center & its activities
	IV	Feeding of silk worms - methodology at different stages
	Post evening	Tower building - eradicating dependency syndrome
04	I	Pests & Diseases of mulberry crop and their control
	II	Silk worm rearing - role of climatic factors like temperature, humidity & light
	III	Common Diseases of silk worms & their control
	IV	Bi products of sericulture
05	I & II	Field visit to Grainage, chawki centre & successful sericulturist for practical learning & interaction
	III & IV	Facilities available from Sericulture departments of State & Central Governments - Government schemes
06	I	Marketing of silk cocoon - procedure & care
	II	Project Report Preparation for a sericulture unit
	III	Importance & role of women in sericulture
	IV	Problem solving-explanation through case studies and exercises, creativity - creative thinking
07	I & II	Banking-deposits & advances, lending schemes to agricultural sector, Government schemes
	III	Launching of a sericulture rearing unit - requirements, pitfalls
	IV	Film Show on sericulture
08	I	Renewable Energy, an appropriate alternative - description, scope
	II	Insurance
	III	Time Management
	IV	Feedback & Valedictory

Space for updations/additions:

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## POULTRY

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of training/institute
	III	Micro lab - Ice breaking exercise
	IV	Achievement Motivation - confidence building
02	I	Entrepreneurial competencies - importance, explanation with examples, case study for identification of different competencies
	II	Scope and importance of poultry, commercial poultry farming, back yard poultry
	III	Poultry breeds - description of different breeds - layers & broilers
	IV	Poultry - systems of bird rearing, infrastructure requirement, types of sheds and their construction
03	I	Poultry equipments and their maintenance
	II	Introduction & replacement of birds, flock schedule - management practices of rearing
	III	Tower building - eradicating dependency syndrome
	IV	Feeding of birds, types of feeds, manufacturing of feed
04	I	Poultry diseases- symptoms, vaccination & prevention
	II	General Management of a Poultry (layer & broiler), practices, cleanliness & hygiene of sheds, cleaning & fumigation
	III	Procurement of chicks, transportation, chick care
	IV	Marketing of poultry eggs & meat - interaction with a successful entrepreneur Post evening session Time management
05	I & II	Visit to a poultry unit for interface & practical learning
	III	Preparation of project report for a poultry unit
	IV	Insurance for poultry
	Post evening	Problem solving & creativity
06	I	Renewable Energy, an appropriate alternative - description, scope
	II	Banking -Advances & deposits- lending schemes to poultry
	III	Launching formalities and pitfalls
	IV	Feedback & Valedictory

Space for updations/additions:

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## PIGGERY

Day	Session	Subject
01	I	Registration & Inauguration, about the Institute, rules & regulations of training/ institute
	II	Micro lab - Ice breaking exercise
	III	Achievement Motivation - confidence building
	IV	Entrepreneurial competencies
02	I	Scope and importance of piggery
	II	Piggery - breeds, breeding aspects, selection of boar & sow
	III	Rearing of pigs - space requirement, construction of sheds
	IV	Feeding of pigs - requirement, nutrition - feeding methodologies
03	I & II	General management of piggery unit - maintenance of cleanliness & hygiene
	III	Tower building - eradicating dependency syndrome
	IV	Management practices of rearing pig lets for producing healthy adults
04	I	Profitable pig rearing - economics of a piggery unit
	II	Common diseases in pigs & their control, vaccination, disease prevention
	III & IV	Visit to a piggery unit for interface & practical learning
05	I	Preparation of project report for a piggery unit
	II	Banking - Advances and Deposits -lending schemes to piggery
	III	Renewable Energy, an appropriate alternative - description, scope
	IV	Insurance for piggery
06	I	Time management
	II	Problem solving-explanation through case studies and exercises, creativity - creative thinking
	III	Launching formalities and pitfalls
	IV	Feedback & Valedictory

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## PLANT NURSERY MANAGEMENT

Day	Session	Subject
01	I	Registration & Inauguration, about the Institute, rules & regulations of training/institute
	II	Micro lab - Ice breaking exercise
	III	Achievement Motivation - Confidence building
	IV	Entrepreneurial competencies
02	I	Plant nursery - Description and scope
	II	Plant nursery - Requirements, basic infrastructure
	III	Common species of plants suitable for nursery - Description
	IV	Common nursery practices - Tools & equipments - Theory & demonstration
03	I	Tower building - Eradicating dependency syndrome
	II & III	Cultivation aspects of common species in nursery - Flowering & foliage plants, Fruits & Vegetable Plants, Herbal & Medicinal Plants. Nursery management - Theory, demonstration & practical
	IV	Marketing management
04	I	Latest trends in nursery management, green house plant nursery
	II	Project report preparation - Economics
	III & IV	Plant propagation techniques - Grafting, budding, layering in major plant species, use of growth regulators & hormones
05	I	Seeds - Production of quality vegetable & flower seeds, seed treatment, packing & storage
	II	Tissue culture for plant propagation
	III & IV	Visit to commercial nursery - Interface with successful entrepreneurs
06	I	Time management
	II	Problem solving-explanation through case studies and exercises, creativity - Creative thinking
	III	Banking - Advances & deposits -lending schemes to Agricultural Sector
	IV	Feedback & Valedictory

Space for updations/additions:

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## RUBBER TAPPING

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of training/institute
	III & IV	Micro lab - Ice breaking exercise
02	I	Achievement Motivation - Confidence building
	II	Entrepreneurship Development - What, Why & How?-(introduction)
	III & IV	Entrepreneurial competencies - Importance, explanation with examples, case study for identification of different competencies
03	I	Rubber cultivation - History, introduction, present scenario & prospects
	II	Rubber cultivation - Nursery practices
	III	Tower building - eradicating dependency syndrome
	IV	Production of rubber - Tapping - Description Rubber Tapping techniques - Methods - Tools & equipments
04	I & II	Rubber plantation - Girdling, temptation - Practical
	III & IV	Latex -Properties, collection techniques, chemical processing - Description
	Post evening	Time Management
05	I & II	Rubber latex tapping - Practical
	III & IV	Use of rain guard - Tapping techniques
06	I to IV	Tapping techniques - Tapping of rubber latex - Practical
07	I	Interaction with officials of Rubber board - Schemes, support & assistance
	II to IV	Tapping techniques - Tapping of rubber latex - Practical (continued)
08	I & II	Sheet making - Chemicals, roller - Demonstration and practical
	III	Marketing management
	IV	Problem solving - Explanation through case studies and exercises, creativity - Creative thinking
09	I & II	Visit to rubber plantation - Interface with successful entrepreneurs
	III	Preparation of project report
	IV	Renewable Energy, an appropriate alternative - Description, scope
10	I	Effective communication skills
	II	Insurance cover for Rubber plantation
	III	Banking -Deposits & advances- lending schemes to Agricultural Sector
	IV	Feedback & Valedictory

Space for updations/additions:

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## CULTIVATION OF MEDICINAL & AROMATIC PLANTS

Day	Session	Subject
01	I	Registration & Inauguration, about the Institute, rules & regulations of training/institute
	II	Micro lab - Ice breaking exercise
	III	Achievement Motivation - confidence building
	IV	Entrepreneurial competencies
02	I	Use of plants in Indian system of medicine - History, practices & prospects
	II & III	Common medicinal plants - description & usage
	IV	Use of medicinal plants in large scale ayurvedic drug manufacturing-description, scope for production
03	I	Cultivation of Aromatic plants - history, practices & prospects
	II & III	Taxonomic classification & nomenclature of common medicinal & aromatic plants
	IV	Tower building - eradicating dependency syndrome
04	I	Use of drugs of plant origin in alternative therapy- Homeopathy, Unani, Tibetan, Sidda etc. use of plants as common house hold medicine.
	II & III	Package of practices of major medicinal plants like coleus, gloriosa, senna, Amla, Isabgol, Baje etc. (any other medicinal plants of the region)
	IV	Package of practices of major Aromatic plants like Lemon grass, citronella, vetiver, palma rosa, Scented Geraniem, Patchouli, Rosemary, etc. (any other aromatic plants of the region)
	Post evening	Time Management
05	I & II	Use of Aromatic oils - description, fragrance in cosmetics, extraction from different plant parts/ Processing - methodologies & procedure Use of Aroma chemicals for value addition for products
	III & IV	Visit to Herbarium of Aromatic & Medicinal plants- interaction with successful entrepreneur
	Post evening	Marketing aspects, Supporting institutions and their schemes
06	I	Preparation of project Report
	II	Problem solving-explanation through case studies and exercises, creativity-creative thinking
	III	Banking -Advances & deposits- lending schemes to Agricultural Sector
	IV	Feedback & Valedictory

Space for updations/additions:

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## COMMERCIAL FLORICULTURE

Day	Session	Subject
01	I	Registration & Inauguration, about the Institute, rules & regulations of training/institute
	II	Micro lab - Ice breaking exercise
	III	Achievement Motivation - Confidence building
	IV	Entrepreneurial competencies
02	I	Floriculture - Present scenario & scope - Export potential
	II	Major flower crops - Geographical distribution, description
	III	Cultivation of major flower crops - General practices
	IV	Cultivation of major foliage & ornamental plants - General practices
03	I	High tech agriculture for floriculture-Green houses, poly houses-Types & their management
	II	Cultivation of Anthurium, Orchid and Gerbera under protected conditions
	III & IV	Cultivation of Rose, Jasmine, chrysanthemum and Aster
	Post evening	Tower building - Eradicating dependency syndrome
04	I	Cultivation of Gladiolus, Tuberose and Petunia
	II	Nutrition, fertilization and irrigation management in flower crops
	III & IV	Use of growing & rooting media, hormones & growth regulators in floriculture
05	I	Pest management in flower crops
	II	Propagation technique in flower and ornamental crops
	III	Preparation of project report
	IV	Visit to floriculture unit - Interaction with successful entrepreneurs
06	I	Time management
	II	Problem solving-Explanation through case studies and exercises, creativity - Creative thinking
	III	Banking -Advances & deposits- Lending schemes to Agricultural Sector
	IV	Feedback & Valedictory

Space for updations/additions:

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## COMPREHENSIVE HORTICULTURE

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of training/institute
	III & IV	Micro lab - Ice breaking exercise
02	I	Achievement Motivation - confidence building
	II	Entrepreneurship Development - What, Why & How?-(introduction)
	III & IV	Entrepreneurial competencies - importance, explanation with examples, case study for identification of different competencies
03	I	Present horticultural scenario in the country - scope
	II	New avenues & opportunities for self employment in horticultural sector
	III	Major Agro climatic zones, spread & selection of horticulture crops
	IV	Soil, formation, structure, fertility & productivity-suitability of different horticulture crops
	Post evening	Tower building - Eradicating dependency syndrome
04	I & II	Plant nutrients, their role and deficiency symptoms - balanced nutrition.
	III	Bio-technology as a new tool for horticulture development - BT varieties
	IV	Dry land horticulture & its management practices
05	I to III	Seeds-production-certification, Role of quality seeds, Hybrid seed production in major vegetable & flower crops
	IV	Package of practice for major flower crops of the region
06	I & II	Package of practice for major fruit crops of the region ( 3 to 4 crops)
	III	Irrigation & water management in Horticulture. Drip & Sprinkler Irrigation
	IV	Problem solving-explanation through case studies and exercises, creativity - creative thinking
07	I & II	Package of practice for major vegetable crops
	III	Scope & cultivation of medicinal & Aromatic Plants
	IV	Package of practice for major plantation/commercial crops of the region
08	I	Use of fertilizers and manures - types, description & usage
	II	Diseases and their control in major Horticultural crops of the region
	III	Insects/pests and their control in major Horticultural crops of the region
	IV	Floriculture & landscape gardening - maintenance of lawns
09	I & II	Plant propagation techniques - grafting, budding, layering, tissue culture in major horticulture crops
	III	Commercial Nursery Management
	IV	Time Management
	Post evening	Risk taking and goal setting - Ring Toss exercise
10	I to IV	Field Visit to research station/progressive farmers/commercial nursery/successful agri business entrepreneurs - interaction
11	I	Processing of fruits, vegetables & other horticulture commodities, grading, value addition, preservation methodologies
	II & III	Marketing of horticulture crops-avenues, strategies, consumer specific marketing
	IV	Scope for export of horticulture crops - potential, requirements, methodologies, packing & logistics



Day	Session	Subject
12	I	Organic farming & vermin composting
	II	Renewable Energy, an appropriate alternative - description, scope
	III	Crop planning & preparation of farm models - farm budgeting
	IV	Preparation of Project Reports for investments in horticulture - projection of financial outlay
13	I	Interaction with Bank Managers & officials of Horticulture department
	II & III	Banking-deposits & advances, lending schemes to agricultural sector, Government schemes
	IV	Feedback & Valedictory

Space for updations/additions:

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