



Gardening and Horticulture

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- Module 01: Introduction to Horticulture
- Module 02: Structure and Function of Horticulture Plants
- Module 03: Growth of Horticulture Plants
- Module 04: Impact of Temperature
- Module 05: Impact of Light
- Module 06: Impact of Soil and Water
- Module 07: Plant Propagation
- Module 08: Plant Nutrition
- Module 09: Harvesting, Training and Pruning
- Module 10: Growing Plant Indoors
- Module 11: Ornamental Horticulture and Garden Design
- Module 12: Cut Floral Design and Landscaping
- Module 13: Plant Pathology, Entomology and Weed Control
- Module 14: Permaculture and Arboriculture
- Module 15: Professional Opportunities in Horticulture
- Module 16: Biotechnology Applications in Horticulture

Hydroponics Gardening

- Module 1: Introduction to Hydroponics
- Module 2: Systems of hydroponic culture
- Module 3: Plant Nutrition
- Module 4: Equipment
- Module 5: Rooting media
- Module 6: Seedling and Plant Maintenance
- Module 7: Nutritional Problems and Solutions in Plant
- Module 8: Growing in Greenhouses

Organic Gardening

Section 01: Introduction

- Why Sustainable Agriculture? fdsdfs
- The Principles of Agro Ecology asda

Section 02: Preparing and Taking Care of the Soil

- How to Create an Instant Organic Food Garden wsdaswd
- Germination wsdewsa
- Orchard in Balcony fdfd
- Small Vegetable Garden dsfsd
- Pest and Disease Management dda

Kitchen Gardening

- Module 01: Introduction to Kitchen Gardening
- Module 02: Planning for Kitchen Gardening
- Module 03: Choosing Vegetables for Your Garden
- Module 04: Choosing Crops for Your Garden
- Module 05: Preparing Your Soil with Care
- Module 06: Preparing the Bed and Planting Your Crops
- Module 07: Maintaining your Garden and Best Practices
- Module 08: Practicing Eco-Friendly Pest Management
- Module 09: Harvesting Your Crops and Storing Safely

Botany

- Module 01: Introduction to Biology
- Module 02: Morphology of Plants
- Module 03: Cell Biology and Anatomy of Plants
- Module 04: Naming Plants and Taxonomic Classifications
- Module 05: Plant Physiology
- Module 06: Embryology of Plants
- Module 07: Plant Genetics and Evolution
- Module 08: Plant Ecology
- Module 09: Cryptograms and Microbes
- Module 10: The Gymnosperms
- Module 11: Angiosperms - The Flowering Plants
- Module 12: Palaeobotany

Reproduction in Flowering Plants

Section 01: SEXUAL REPRODUCTION IN ANGIOSPERMS - PART I

- Structure of a Flower
- Structure of Male Part of Flower
- Microsporogenesis
- Structure of Female Part of Flower
- Megasporogenesis

Section 02: SEXUAL REPRODUCTION IN ANGIOSPERMS – PART II

- Pollination and Its Types
- Cross Pollination and Outbreeding Devices
- Abiotic Pollinating Agents & Adaptations in Flowers
- Biotic Pollinating Agents & Adaptations in Flowers
- Ornithophily and Chiropterophily

Section 03: SEXUAL REPRODUCTION IN ANGIOSPERMS – PART III

- Pollen-pistil Interaction & Double Fertilization
- Pollen-pistil Interaction & Double Fertilization (Contd.)...
- Artificial Hybridization & Development of Endosperm
- Artificial Hybridization & Development of Endosperm (Contd.)...
- Development of Embryo & Seed
- Development of Embryo & Seed (Contd.)

Section 04: SEXUAL REPRODUCTION IN ANGIOSPERMS – PART IV

- The Formation of Fruit
- The Formation of Fruit (Contd.)...

Agricultural Science

- Module 1: Introduction to Agricultural Science
- Module 2: Horticulture and The Nursery Production
- Module 3: Plant Propagation
- Module 4: Soil Science
- Module 5: Plant Nutrition
- Module 6: Controlling Plant Pests
- Module 7: Weed Control
- Module 8: Home Gardening
- Module 9: Ornamental Plants
- Module 10: Cut Flowers
- Module 11: Permaculture
- Module 12: Aquaculture
- Module 13: Animal Farming – Raising Beef Cattle
- Module 14: Animal Farming – Milking of Dairy Cattle

Mushroom Growing Course

- Module-01: Introduction to Mushroom Cultivation
- Module-02: Identifying Edible Mushrooms
- Module-03: Mushroom Culture Part One
- Module-04: Mushroom Culture Part Two
- Module-05: Mushroom Spawning
- Module-06: Mushroom Compost Part One
- Module-07: Mushroom Compost Part Two
- Module-08: Making and Casing Mushroom Beds
- Module-09: Mushrooms Growing Conditions
- Module-10: Growing Mushrooms Outside
- Module-11: Harvesting and Storing Mushrooms
- Module-12: Mushroom Business

Natural Beekeeping Diploma

Module 1

- Getting Started in Beekeeping
- Clothing and Equipment Needed
- How to Handle Bees
- Acquiring Bees
- Queen Management Techniques
- Raising Queen Bees
- Using Nectar Substitutes
- Using Pollen Substitutes
- Keeping Bees in a Suburban Area

Module 2

- About Bacterial Diseases
- About Viruses and Fungal Diseases
- About Varroa Mites
- The Small Hive Beetle
- About Nosema
- Bee Stings
- The Processing of Honey
- Equipment used for Honey Processing

Forestry

- Module-1: Introduction to Forestry
- Module-2: Forest Soil
- Module-3: Forest Menstruation
- Module-4: Forest Surveying
- Module-5: Silviculture
- Module-6: Forest Ecosystem
- Module-7: Timber Harvesting (Part One)
- Module-8: Timber Harvesting (Part Two)
- Module-9: Urban Forestry

Vegan(Vegetarian) Diet

Starting the Vegan Journey

- Introduction
- The Vegan Journey – Health & Vitality

Debunking Vegan Myths

- Debunking Vegan Myths

Info for Vegan Athletes

- Vegan Athletes – Plenty Of Muscle
- Fueling The Vegan Warrior
- Vegan Warrior Workout Plan

Going Vegan

- Going Vegan

Final Thoughts & Tips

- Conclusion – Final Thoughts _ Tips



Thank You