



Agroforestry

Agroforestry Training

Training Categories

Contact +91-8977624748 for joining process

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Browse Agroforestry training programs at NTHRYS Biotech Labs across the categories below.

CATEGORIES

Agroforestry System Design and Planning

Training for professionals to design integrated agroforestry systems combining trees, crops, and livestock based on site-specific conditions and farmer objectives.

Alley Cropping Implementation and Management

Hands-on workshop teaching technicians how to establish and manage alley cropping systems with proper spacing, pruning, and crop rotation techniques.

Silvopasture System Development

Training program for livestock managers to integrate trees with pasture systems for improved forage quality, animal welfare, and soil conservation.

Forest Garden Establishment Techniques

Practical course teaching field workers how to establish productive forest gardens that mimic natural ecosystems while providing multiple crop yields.

Tree Species Selection for Agroforestry

Professional training on selecting appropriate tree species based on climate, soil, market demand, and agroforestry system objectives.

Soil Health Assessment in Agroforestry

Lab and field training for technicians to conduct soil testing, analyze nutrient cycling, and monitor soil health improvements in agroforestry systems.

Agroforestry GIS Mapping and Analysis

Software training for professionals to use GIS tools for land assessment, system planning, and monitoring agroforestry implementations.

Nutrient Management in Agroforestry Systems

Technical course teaching field managers how to optimize nutrient cycling, manage tree-crop interactions, and reduce fertilizer inputs in agroforestry.

Water Management and Irrigation Planning

Training for technicians on designing efficient water management strategies and irrigation systems for agroforestry farms in diverse climates.

Pruning and Tree Maintenance Operations

Hands-on workshop teaching field workers proper pruning techniques, tree health assessment, and maintenance scheduling for agroforestry trees.

Agroforestry Crop Production Integration

Training program for farmers and technicians on growing compatible crops under trees while managing light, moisture, and root competition.

Windbreak and Shelterbelts Design

Professional course teaching design and establishment of windbreaks and shelterbelts for erosion control and microclimate improvement.

Agroforestry Certification and Compliance

Training on organic, sustainable, and fair-trade certification requirements specific to agroforestry production systems for market access.

Carbon Sequestration Measurement Methods

Technical workshop for professionals to measure and document carbon stocks and sequestration rates in agroforestry systems.

Biodiversity Enhancement in Agroforestry

Training for field managers on promoting beneficial insects, pollinators, and wildlife while maintaining agricultural productivity in agroforestry.

Agroforestry Farm Economics and Budgeting

Professional course teaching cost-benefit analysis, financial planning, and profitability assessment for agroforestry enterprises.

Pest and Disease Management in Agroforestry

Training on integrated pest management strategies specifically designed for agroforestry systems using cultural, biological, and chemical controls.

Agroforestry Product Value Addition

Hands-on workshop teaching processing, packaging, and marketing techniques for agroforestry products including nuts, fruits, honey, and timber.

Contour Hedgerow and Terracing Establishment

Field training for technicians on constructing contour hedgerows and terraces using agroforestry trees for erosion control on sloping land.

Fruit Tree Propagation and Nursery Management

Practical course teaching grafting, budding, seed propagation, and nursery operations for fruit and fodder trees used in agroforestry.

Agroforestry System Monitoring and Evaluation

Training for professionals on establishing monitoring protocols and conducting evaluation studies to assess agroforestry system performance and impacts.

Fodder Production from Agroforestry Trees

Technical workshop for livestock managers on harvesting, processing, and feeding tree fodder for improved animal

nutrition and productivity.

Timber Production and Quality Management

Training for forest technicians on timber grading, quality assessment, sustainable harvesting, and lumber processing from agroforestry trees.

Agroforestry Safety Protocols and Compliance

Certification program covering occupational safety, equipment operation, chemical handling, and workplace compliance for agroforestry field workers.

Participatory Agroforestry Extension Methods

Training for extension agents and facilitators on participatory approaches, community engagement, and knowledge transfer in agroforestry adoption.

Agroforestry Mobile Apps and Technology

Software training for technicians on using mobile applications for record keeping, monitoring, and farm management in agroforestry operations.

Honey Production and Beekeeping Integration

Hands-on course teaching beekeeping practices integrated with agroforestry systems for enhanced pollination and honey production.

Medicinal and Aromatic Plant Cultivation

Training on growing medicinal and aromatic plants under agroforestry conditions with focus on cultivation techniques and quality standards.

Bamboo and Rattan Agroforestry Systems

Specialized training on establishing and managing bamboo and rattan plantations within agroforestry systems for income generation.

Aquaforestry and Fish Pond Integration

Training for practitioners on integrating fish farming with agroforestry systems to optimize land use and diversify income streams.

Climate Change Adaptation in Agroforestry

Professional course teaching climate-resilient agroforestry design, drought-resistant species selection, and adaptation strategy development.

Agroforestry Research Methods and Documentation

Training for field researchers on designing trials, collecting data, and documenting agroforestry practices and performance indicators.

Organic Agroforestry Production Management

Certification course on organic principles applied to agroforestry, covering pest management, fertilization, and certification maintenance.

Agroforestry Market Research and Linkages

Training for entrepreneurs and farmers on market analysis, value chains, and developing business linkages for agroforestry products.

Agroforestry Equipment and Machinery Operation

Hands-on certification training on operating and maintaining equipment for land preparation, harvesting, and processing in agroforestry.

Tree Physiology and Growth Dynamics

Technical training for technicians on understanding tree growth patterns, nutrient uptake, and physiological responses in agroforestry systems.

Agroforestry Policy and Program Development

Training for government officials and program managers on designing agroforestry policies, incentive programs, and implementation strategies.

Mushroom Cultivation under Agroforestry

Practical workshop teaching mushroom production techniques using agroforestry residues and shade conditions for profitable supplementary income.

Agroforestry Nursery and Seedbed Operations

Training for nursery workers on seedbed preparation, plant care, hardening, and quality control in agroforestry nurseries.

Rehabilitation of Degraded Lands via Agroforestry

Professional course on using agroforestry to restore soil fertility, stabilize slopes, and rehabilitate eroded and degraded landscapes.

Agroforestry Gender and Social Inclusion

Training for program coordinators on promoting gender equality, women empowerment, and inclusive participation in agroforestry initiatives.

Post-Harvest Handling and Storage Techniques

Hands-on training on proper harvesting, grading, packaging, and storage methods to maintain quality of agroforestry produce.

Agroforestry Soil Erosion Control Methods

Field training for technicians on designing and implementing erosion control structures and practices using agroforestry trees.

Watershed Management through Agroforestry

Professional training on applying agroforestry principles for watershed restoration, groundwater recharge, and water resource management.

Agroforestry Project Management and Implementation

Training for project managers on planning, budgeting, executing, and monitoring agroforestry development projects and initiatives.

Spice Cultivation under Tree Canopy

Specialized training on cultivating spice crops like pepper, cardamom, and cinnamon within agroforestry shade systems.

Agroforestry Farmer Field School Facilitation

Training for facilitators on conducting farmer field schools using experiential learning methods for agroforestry practice adoption.

Agroforestry Database Management and Reporting

Software training for data managers on creating databases, managing records, analyzing data, and generating reports for agroforestry systems.

Cacao and Coffee Agroforestry Production

Specialized course on shade-grown cacao and coffee cultivation within agroforestry systems for quality improvement and market premium.

Agroforestry Risk Management and Insurance

Training for farmers and extension workers on identifying agroforestry risks, implementing mitigation strategies, and accessing insurance products.