



# COURSE BROCHURE

## ADVANCED CERTIFICATE PROGRAMME IN **LANDSCAPE DESIGN & EXCECUTION**

- ✓ 100% PRACTICAL
- ✓ PLACEMENTS IN  
INDIA / GCC COUNTRIES
- ✓ LEARN & WORK IN REAL  
CLIENT'S PROJECTS
- ✓ AI INTEGRATED  
SYLLABUS





## ABOUT GREENTEK ACADEMY

Since 2013, GREENTEK Design & Build Pvt. Ltd., founded in the UAE, has led international outdoor design. Its educational arm, GREENTEK Academy of Landscape & Environmental Studies, is now a leading institution in Kerala for landscape architecture and horticulture education, combining industry expertise with professional training. Expanding from design and construction to a full-service garden centre and training institute, GREENTEK delivers courses rooted in real-world project experience from the UAE and Kerala.

## Our Brand Ecosystem

- GREENTEK Design & Build Pvt. Ltd.  
— Founded 2013, UAE
- Residential, Commercial & Public Landscape Projects
- Swimming Pool Construction & Water Features
- International Design Standards Across Markets

- The Greenyard Garden Center  
— Kerala
- Premium Plants & Garden Accessories
- Landscaping Essentials & Outdoor Lifestyle
- Complete Outdoor Design Solutions

*GREENTEK Academy brings this collective expertise into a structured, certification-ready learning experience — making you industry-ready from day one.*

## WHY CHOOSE GREENTEK ACADEMY

At GREENTEK Academy, we believe that landscape professionals are shaped not in classrooms alone, but

- 100% Hands-On, Practical Curriculum
- Training on Live Projects & Real Sites
- Curriculum Designed by Industry Practitioners
- Exposure to UAE & Indian Market Standards
- Software Training: CAD, SketchUp & 3D Modelling
- Certificate Recognized by Industry Partners
- Access to The Greenyard Garden Center
- Mentorship from Experienced Landscape Professionals
- Site Visits, Research & Portfolio Development
- Career Guidance & Placement Support

# CERTIFICATE PROGRAM IN LANDSCAPE DESIGN AND EXECUTION

This flagship programme is a comprehensive, career-focused course designed to transform passionate beginners and working professionals into skilled landscape designers and executors. Through a carefully structured three-set curriculum, students gain end-to-end proficiency in landscape design, plant science, hardscape, softscape, water features, digital tools, and on-site execution.



## COURSE AT A GLANCE

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Award                 | Certificate in Landscape Design & Execution       |
| Training Mode         | Full-Time   Practical-First Learning              |
| Medium of Instruction | English / Malayalam                               |
| Curriculum Structure  | 3 Sets (Foundation Design Studio Site Training)   |
| Practical Component   | 100% — All Topics Backed by Hands-On Sessions     |
| Capstone              | Real Site Training + Portfolio Development        |
| Certificate           | Industry-Recognised Certificate upon Completion   |
| Batch Size            | Limited Seats — Personalised Attention Guaranteed |

## Core Topics Covered

The programme covers the following major subject areas across its three sets:

Landscape Plants and Features  
Landscape Maintenance and Horticultural Practices  
Fundamentals of Gardening  
Components of Landscaping and Styles of Gardens  
Cultivation of Ornamentals  
Plant Protection in Landscapes and Ornamental Gardens

Installation of Softscape and Hardscape  
Lawns and Lawn Grasses  
Landscape Design Studio and Software  
Swimming Pool Construction  
Water Fountain and Koi Pond Design  
Exotic, Herbal, and Wild Plants & Edible Landscaping  
Site Visit, Field Research and Portfolio Development

# DETAILED COURSE CURRICULUM

The Certificate Program is structured into three progressive sets, each building on the knowledge and skills developed in the previous one. This scaffolded approach ensures learners move from foundational understanding to advanced design and real-world execution with confidence.

## SET 1 | Foundations of Landscape Science & Design

|  |                                                                                                                                 |
|--|---------------------------------------------------------------------------------------------------------------------------------|
|  | Fundamentals of Gardening — Soil types, plant biology, climate zones, and basic horticultural principles                        |
|  | Components of Landscaping and Styles of Gardens — Formal, informal, tropical, xeriscaping, Japanese, and contemporary styles    |
|  | Landscape Plants and Features — Identification, classification, and application of trees, shrubs, groundcovers, and ornamentals |
|  | Elements and Principles of Landscape Planting Design — Balance, unity, rhythm, contrast, scale, proportion, and focalization    |
|  | Installation of Softscape and Hardscape — Soil preparation, planting techniques, paving materials, kerbs, and edging            |
|  | Landscape Design Studio and Software — Introduction to design workflow, CAD basics, and landscape design principles             |
|  | Plant Protection in Landscape and Ornamental Gardens — Pest and disease management, integrated pest management (IPM)            |
|  | Swimming Pool Construction — Pool types, structural requirements, filtration systems, and landscape integration                 |

## SET 2 | Design Studio: Digital Tools & Advanced Design

|  |                                                                                                                        |
|--|------------------------------------------------------------------------------------------------------------------------|
|  | Fundamentals of Landscape Design — Design briefs, site analysis, conceptual development, and client communication      |
|  | Types of Gardens — Residential, commercial, rooftop, terrace, indoor, and therapeutic gardens                          |
|  | Design Principles in Practice — Applying balance, unity, rhythm, contrast, and proportion to real design scenarios     |
|  | 2D Design — Sketching and CAD Basics — Freehand sketching techniques, drafting conventions, and plan views             |
|  | Basics of 2D Design and Drafting Techniques — Line types, scale drawing, dimensioning, and layout presentation         |
|  | Introduction to the SketchUp Interface — Navigation, workspace setup, and basic modelling tools                        |
|  | 3D Modelling with SketchUp — Modelling tools, navigation, component libraries, and material application                |
|  | Creating Landscape Elements — Designing pergolas, gazebos, pathways, decks, and seating structures in 3D               |
|  | Planting Design and Plant Selection — Design-driven plant palettes, massing strategies, and seasonal interest          |
|  | Types of Landscape Plants — Trees, shrubs, groundcovers, climbers — selection criteria for design contexts             |
|  | Landscape Elements and Final Design Projects — Integrating all design skills in a complete, presentable design project |

SET 3 | Site Training, Practical Execution & Certification

|  |                                                                                                                              |
|--|------------------------------------------------------------------------------------------------------------------------------|
|  | Irrigation System Installation (Step-by-Step) – Types of irrigation, layout design, emitter selection, and live installation |
|  | Hand Sketching for Landscape Design – Perspective drawing, plan sketching, and quick design communication                    |
|  | Pergola Design – Rules, Regulations & Construction – Structural norms, material options, and regulatory compliance           |
|  | Plant Selection and Arrangements – Field-based selection, grouping, layering, and visual presentation techniques             |
|  | Grass-Laying Practical – Turf selection, site preparation, installation methods, and post-installation care                  |
|  | Stone Paving Practical – Material selection, laying patterns, levelling, jointing, and finishing                             |
|  | Real Site Training – Full execution experience on an active landscape project site with professional supervision             |
|  | Portfolio Development and Certification – Compiling design portfolio, presentation, and formal certification ceremony        |



Design Competencies

- Create professional 2D landscape layouts using CAD tools
- Develop complete 3D landscape visualisations using SketchUp
- Apply design principles to residential, commercial, and public spaces
- Build a compelling design portfolio for client presentations and job applications



Technical & Execution Skills

- Identify, select, and place landscape plants for diverse conditions
- Install softscape (planting, turfing, groundcovers) to professional standards
- Execute hardscape installations including paving, pergolas, and decking
- Design and install drip and sprinkler irrigation systems
- Construct swimming pools and water features including koi ponds
- Manage plant protection and ongoing horticultural maintenance programmes



Career-Ready Strengths

- Real-site experience on active professional landscape projects
- Site analysis, research methodology, and project documentation
- Client communication and design presentation skills
- Familiarity with UAE and Indian regulatory standards for landscape works
- A completed portfolio suitable for employment or freelance practice

## WHO SHOULD ENROLL

The Certificate Program is designed for a wide range of learners and professionals:

1. School and college graduates seeking a career in landscaping
2. Architecture and interior design students broadening their skills
3. Civil engineering professionals expanding into landscape works
4. Agriculture and botany graduates seeking applied careers
5. Aspiring landscape entrepreneurs and garden center operators
6. Existing landscaping workers seeking formal certification
7. Home gardening enthusiasts ready to turn passion into profession
8. Nursery and horticulture business owners upskilling their team
9. Real estate and construction professionals needing landscape knowledge
10. Working professionals planning a career transition into green industries



## OUR TRAINING METHODOLOGY

GREENTEK Academy is defined by a learn-by-doing philosophy. Unlike conventional courses that teach theory first and practice last, every topic at GREENTEK is introduced, practised, and applied in parallel — so learning is never abstract.

### 01 **LIVE SITE TRAINING**

Students work on active landscape project sites managed by GREENTEK Design & Build, gaining firsthand exposure to professional workflows and client expectations.

### 02 **STUDIO WORKSHOPS**

Dedicated design studio sessions for CAD, SketchUp 3D modelling, hand sketching, and design presentation — guided by experienced design faculty.

### 03 **PRACTICAL LABS**

Hands-on labs for grass-laying, stone paving, planting, irrigation installation, and pool construction fundamentals at our training facility.

### 04 **PLANT IDENTIFICATION WALKS**

Guided tours through The Greenyard Garden Center for real-time plant identification, selection practice, and understanding of commercial plant supply.

### 05 **PORTFOLIO MENTORING**

One-on-one mentoring sessions to help students curate and present their best work in a professional design portfolio.

### 06 **INDUSTRY INTERACTIONS**

Guest sessions and site visits with active landscape, pool, and irrigation industry professionals to broaden market awareness.

## CAREER OPPORTUNITIES AFTER CERTIFICATION

The landscape industry is one of the fastest-growing sectors in India and the Gulf region, driven by urbanisation, smart city projects, luxury residential developments, and growing environmental awareness. A certificate from GREENTEK Academy opens doors across multiple career paths:

- A. Landscape Designer
- B. Landscape Architect Assistant
- C. Site Supervisor — Landscape Projects
- D. Swimming Pool Design & Construction Specialist
- E. Irrigation System Designer
- F. Softscape & Hardscape Installation Expert

- A. • Horticulture Consultant
- B. • Garden Center Manager / Specialist
- C. • Landscape Project Coordinator
- D. • Freelance Landscape Consultant
- E. • Urban Greening & Public Parks Specialist
- F. • Landscape Entrepreneur / Business Owner

*GREENTEK's active presence in the UAE and Kerala market means that top-performing graduates may also receive direct referrals and networking introductions to landscape firms operating in both regions.*



## ADMISSION & ENROLLMENT

- A. Eligibility: 10th Pass or Above (No Prior Landscape Experience Required)
- B. Admission Process: Application--Counselling Session--Enrollment
- C. Batches: Limited Intake Per Batch — Early Enrollment Recommended
- D. Language: English / Malayalam Medium Available

- A. Documents Required: ID Proof, Educational Certificates, Passport Photo
- B. Orientation: Mandatory Orientation Session for All New Students
- C. Installment Options: Fee Payment Flexibility Available
- D. Enquiries: Walk-In or Contact via Phone / WhatsApp



## CONTACT US

**ADDRESS:**

**CONTACT NUMBER:**

**EMAIL:**

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