PALUDARIUM

Workshop Proposal

Healing through nature, Thudak Design Studio's Paludarium Workshop introduces nature-inspired therapy to healthcare spaces. A Paludarium is a miniature ecosystem blending land, water, and plant life into a self-sustaining habitat. Designed to aid patient recovery, mental well-being, and air quality, it enhances healing environments and supports healthcare professionals in holistic care.

This hands-on workshop teaches biophilic design integration in medical settings. Participants explore stress-relieving spatial planning, air-purifying plant selection, and therapeutic design strategies. The session fosters collaborative problem-solving and provides practical insights into creating sustainable, calming space

ONE DAY WORKSHOP (INTERMEDIATE)

01

Introduction

Exploring how paludariums integrate into healthcare environments to enhance patient experience and well-being.

02

Group Formation & Concept Development

Collaborative ideation to develop functional and therapeutic designs tailored for medical spaces.

03

Tools & Material Exploration

Hands-on practice with safe, sustainable materials that support hygiene and easy maintenance.

04

Designing, Sketching & Detailing

Translating concepts into practical designs while ensuring durability, accessibility, and aesthetic balance.

05

Plant Selection & Native Flora Integration

Choosing air-purifying plants that enhance relaxation, cognitive function, and indoor air quality.

06

Soil & Substrate Selection Based on Theme

Ensuring a clean, low-maintenance ecosystem with proper filtration and controlled humidity levels.

07

Setup & Final Presentation

Assembling and refining paludariums to seamlessly integrate with medical spaces for maximum therapeutic impact.

80

Final Iterations - Refinement & Optimization

Making adjustments to improve functionality, safety, and long-term sustainability in healthcare settings.

Workshop Outcomes & Benefits

- Enhanced Patient Care: Learn to create calming environments that reduce stress, anxiety, and recovery time.
- Medical Space Transformation: Improve air quality, aesthetic appeal, and overall patient comfort.
- Hands-on Skill Development: Gain practical experience in eco-friendly design, material selection, and maintenance.
- Interdisciplinary Learning: Foster collaboration between healthcare professionals, therapists, and designers to integrate nature into medical care.
- Sustainable Solutions: Implement low-maintenance, self-sustaining ecosystems that thrive in clinical settings.

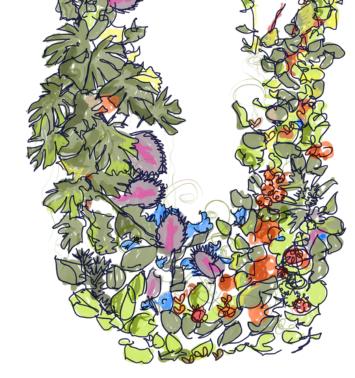


PALUDARIUM

Workshop Proposal Advanced (2-3 Days)

For companies seeking deeper engagement, For healthcare institutions seeking deeper engagement, Thudak's Advanced Paludarium Workshop introduces technical precision, sustainability, and material innovation.

- Enhances Interdisciplinary Collaboration: Encourages teamwork between healthcare professionals, therapists, and designers to develop patient-centered environments.
- Promotes Problem-Solving & Adaptability: Teaches adaptable design strategies to support evolving patient needs and clinical applications.
- Optimizes Workplace Well-Being: Integrates nature and mindfulness into healthcare settings, improving mental clarity, stress management, and overall wellness for patients and staff.



Advanced inclusions

Glass cutting and Containment making

Master precision glass cutting and advanced containment techniques to create durable, well-sealed, and structurally complex Paludariums.

02 Material Sterlisation Master material sterilization using OTG ovens, heat guns, and manual tools to eliminate contaminants for a sustainable Paludarium.

03 Waterbody Detailing Advanced waterbody detailing, including dynamics, filtration techniques,

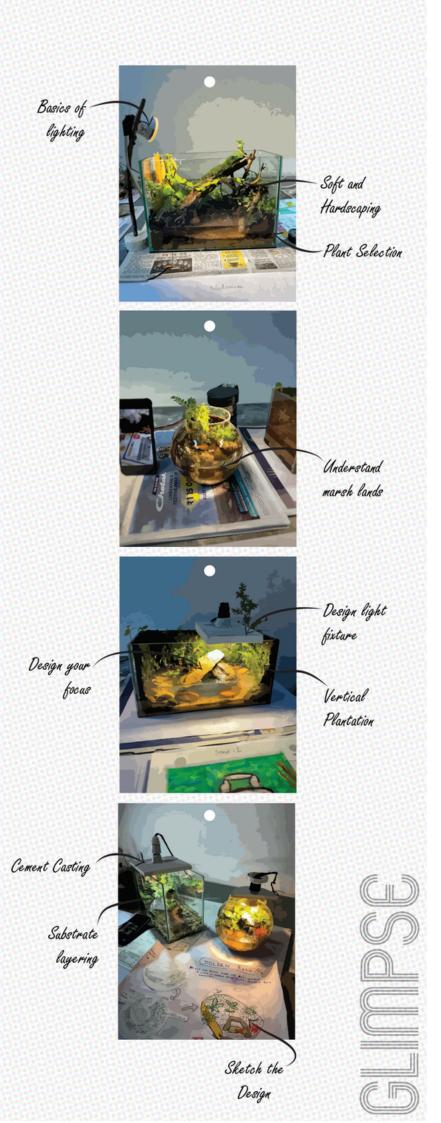
and aesthetic integration for a balanced Paludarium ecosystem.

04 Cement Molding Molding techniques to create durable, custom-designed covers that enhance both functionality and aesthetics in Paludariums.

05 Light Fixture Designing Design and construct custom light fixtures using advanced techniques to enhance plant health, visual appeal, and environmental stability.

06 Maintenance Study Develop expertise in Paludarium maintenance, focusing on water quality, plant care, structural durability, and long-term ecosystem stability.

Reaper Wood Fixtures Design Develop expertise in Reaper wood fabrication, ensuring structural stability, seamless element integration, and optimal support for climbing plants.



Our Offerings

Cement Tableware Designing
Resin Molding
Form Study and Exploration
Intense Material Exploration
Furniture Design Workshop
Packaging Design Workshop
Product Design Workshops

Arun S (Architect/Industrial Designer/Academician) www.thudakindia.com +917795259402 arun@thudakindia.com

