

WORKSHOP DETAILS

Day 1: Thursday, 23 January 2025

- 11:00 AM Introduction & Theoretical Background of an Ecosystem Tank
- 01:00 PM Refreshments
- 02:00 PM Essential Equipment: Learning about the tools and materials required; Preparation of hardscape Materials

Day 2: Friday, 24 January 2025

- 11:00 AM Basics of Aquascaping; Hands-on practice of Light & Shadow, Depth, Perspective, Proportion etc.
- 01:00 PM Refreshments
- 02:00 PM Hardscaping for an Ecosystem Tank

Day 3: Saturday, 25 January 2025

- 11:00 AM Introduction to the variety of Aquatic Plants, Selection of plants; Plantation
- 01:00 PM Refreshments
- 02:00 PM Introduction of other inhabitants in the Tank, Plant Supplements, Dosages, General maintenance of the tank



RAMAKRISHNA MISSION SIKSHANAMANDIRA

Belur Math, Howrah, West Bengal

A NCTE Recognized Govt. Aided (WB)
Autonomous Post-Graduate College of Teacher
Education under University of Calcutta

Organizing Three Days *Offline* Workshop on

Ecosystem Tank

23 January, 2025 to 25 January, 2025

This workshop is designed for individuals who are new to the world of aquascaping and wish to learn the basics. No prior knowledge or experience is required, making it perfect for beginners.

RESOURCE PERSONS



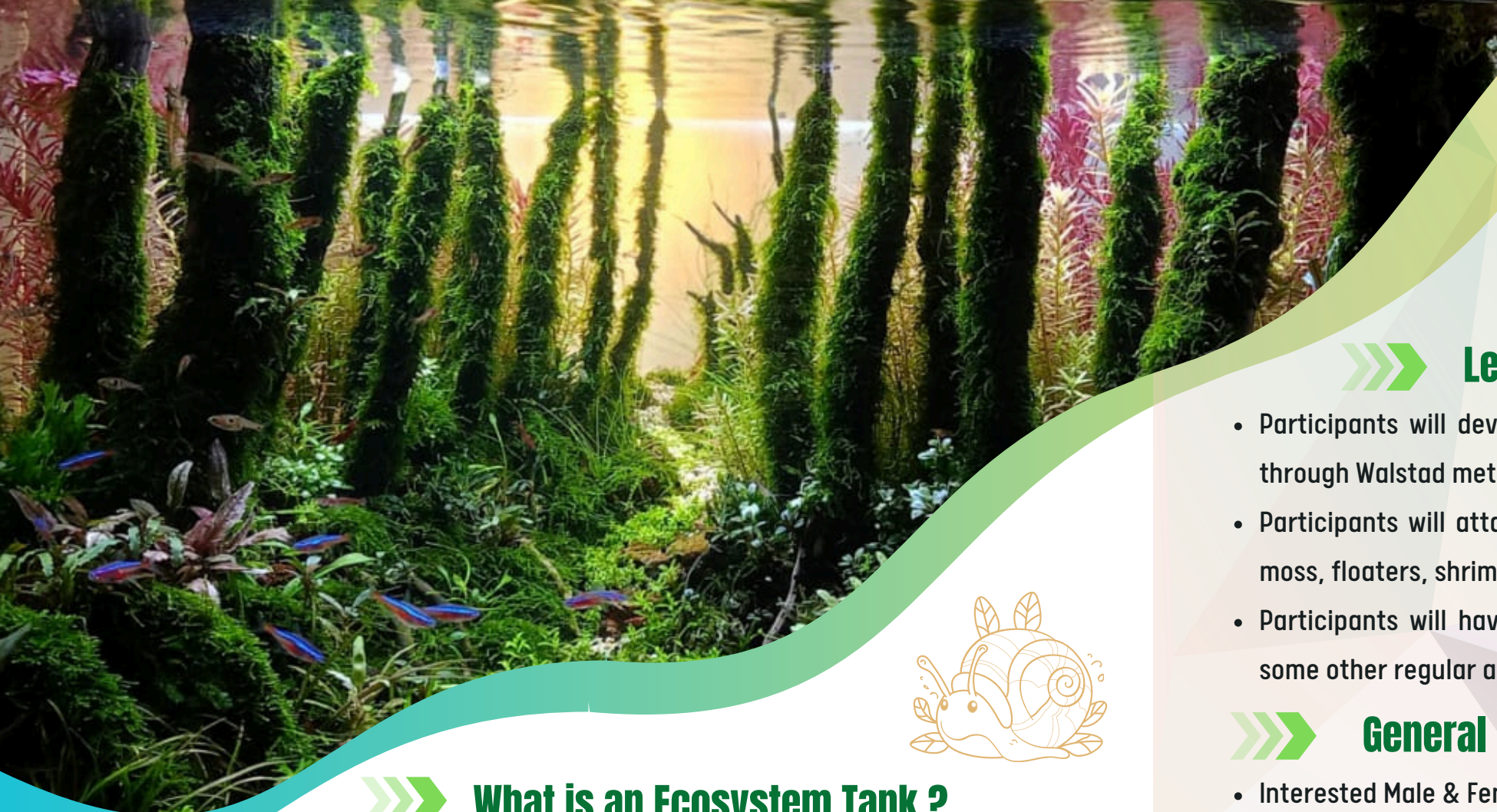
SWAMI VIDYAMRITANANDA

ZOOLOGIST,
AMATEUR AQUARIST

SHRI INDRAJIT DAS
PROFESSIONAL AQUASCAPER

Rank 298 in IAPLC 2024,
Rank 157 in KIAC 2024





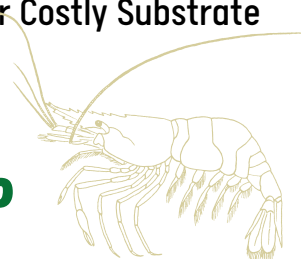
»»» What is an Ecosystem Tank ?

An ecosystem tank is a self-sustaining aquarium or aquatic setup that mimics a natural ecosystem, relying on a balanced interaction between plants, animals, and microorganisms. The goal is to create a stable, low-maintenance environment where the biological processes regulate themselves, minimizing the need for external intervention like frequent water changes or chemical additives.

»»» Why Ecosystem Tank ?

Benefits of an Ecosystem Tank:

- **Low Maintenance** - Requires fewer water changes and less cleaning.
- **Healthier Environment** - Mimics natural conditions, reducing stress in fishes and promoting plant growth.
- **Cost-Effective** - No need for Filter & CO2 injection System; No need for Costly Substrate and Light, Minimal use of chemicals or advanced equipment.
- **Sustainability** - Creates a long-term, self-regulating habitat.



»»» Who will be benefitted from the Workshop ?

- Enthusiastic persons eager to dive into the professional world of planted aquariums and aquascaping.
- Educators wanting to create a vibrant, living ecosystem in their classroom or laboratory.
- Hobbyists seeking to bring a captivating, lush green aquascape teeming with life to their reading room, office lounge, drawing room, or even a restaurant tabletop in affordable price.

»»» Registration Details:

https://rkmsm.org/online_seminarform.php



»»» Learning Outcomes:

- Participants will develop a clear concept of setting an Ecosystem Tank / Dirted tank through Walstad method, its structural components and functional aspects.
- Participants will attain practical knowledge of some of the low tech aquarium plants, moss, floaters, shrimps, snails etc. available in local /online markets.
- Participants will have a direct experience of hardscaping, planting, fish-keeping and some other regular aquarium maintenance related works.

»»» General Information:

- Interested Male & Female candidates above the age of 18 are welcome to the workshop.
- Medium of Instruction: Bengali, English, Hindi.
- Registration Fees: Rs. 1200/- (Refreshment included).
- Limited Seats; Registration on first come first serve basis.
- Participants must attend at least two days to receive Certificates.
- The Ecosystem Tank demonstrated in the Workshop will be auctioned on the last day.

**Workshop
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