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| Title of course              | <b>Skill Training on Aquascaping &amp; Bonsai Gardening</b> -Master the Art of Underwater Gardens & Cultivate Your Creativity in Miniature |
| Duration                     | 3 <sup>rd</sup> to 7 <sup>th</sup> June, 2024 (5 days)   |
| Number of seats              | 30   |
| Eligibility                  | 10 <sup>th</sup> passed/ 10+2/ Graduates<br>(First come first serve basis)   |
| Age group                    | 45 years and below   |
| Course fees                  | Rs. 2,200/- (Incl. tea, snacks, lunch)   |
| Venue of course              | KSCSTE - Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode  |
| Course Co -ordinator         | Dr. Raghupathi B, Junior Scientist , MBGIPS  |
| Contact details              | 04952430939/8970727739/<br>malabarbot.garden@gmail.com/www.mbgips.in   |
| Residential/Non -residential | If any participant wishes to avail accommodation will be provided on payment basis.  |
| Last date to apply           | 30 <sup>th</sup> May, 2024   |



# TRAINING ON Aquascaping & Bonsai Gardening

Master the Art of Underwater Gardens &  
Cultivate your Creativity in Miniature

## Certification

Certificate will be issued to the candidates based on their involvement, performance and successful completion of the course.



**KSCSTE - MALABAR BOTANICAL  
GARDEN AND INSTITUTE  
FOR PLANT SCIENCES**

GA College P.O., Kozhikode - 673 014, Kerala  
Tel: 0495 2430 939  
malabarbot.garden@gmail.com  
www.mbgips.in

3<sup>rd</sup> to 7<sup>th</sup> June 2024  
@MBGIPS, Kozhikode

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Skill Training on

## Aquascaping & Bonsai Gardening

Master the Art of Underwater Gardens  
& Cultivate Your Creativity in Miniature

### About KSCSTE- MBGIPS

KSCSTE- Malabar Botanical Garden & Institute for Plant Sciences (MBGIPS) is an institution of the Government of Kerala, administered by the 'Kerala State Council for Science, Technology and Environment' (KSCSTE), dedicated to the conservation and research on aquatic plant diversity, lower group plants, endangered plants of the erstwhile Malabar Region, as well as disseminating knowledge on various facets of plant sciences came into existence during 2015 by upgrading from Malabar Botanical Garden Society. By virtue of possessing a vast morass land MBGIPS becomes unique in the nation, ideal for ex situ conservation of aquatic/wetland plants and for undertaking research on them. The educational value of the garden lies with descriptive labels displayed for the different sections and plants.

### About Training

Aquascaping is the method of arranging aquatic plants, rocks, stones, cave work, driftwood etc. in an aesthetically pleasing manner within an aquarium. Bonsai is the art of growing trees, proportionately in small containers. In Japanese 'bon' means, 'shallow pot' and the 'sai' means "plant" which is translated as 'tray planting. Aquarium keeping is the second largest hobby in the world next to photography and the ornamental fish and aquatic plant industry is fast gaining importance due to its tremendous economic opportunities and prospects. Both aquascape and bonsai have become a valued art and business, which were less developed in India even though it can generate high revenue and indeed can be considered as in development. This business is becoming a promising opportunity with increasing demand in the domestic as well as international market. This course aims to give to practical experience and skill development in aquascape and bonsai garden, which will offer a significant lucrative business opportunity, self-employment and has a tremendous scope as a cottage industry.

### Curriculum

The training typically involves a combination of theoretical learning and practical hands-on experience. The outline of training includes basic principles, commonly used aquatic plant species, selection of hardscape materials, tools and equipment like lighting systems, CO2 injection systems, filters, planting and maintenance aquatic plants and aquascape. Bonsai gardening includes selection of trees, pots, understanding bonsai styles, pruning, wiring for structural manipulation, potting, repotting, watering and fertilizing and maintenance.

### Salient Features of the Course

- 30% theory and 70% practical sessions as per the course curriculum
- Lectures assisted with multimedia aids and opportunities to connect with fellow enthusiasts and professionals to share experiences and learn from each other
- Hands-on-practical experience & overall knowledge about aquascaping and bonsai gardening
- Potential lucrative business and self-entrepreneurship development opportunities

### How to apply

Application Proforma is available for downloading on the website of KSCSTE-MBGIPS. Interested candidates can download the same and apply after completing all the required details. The completed application form can be submitted to the Director, KSCSTE-MBGIPS before due date. Filled application form with details of payment can be sent by e-mail to [seminarmbgips@gmail.com](mailto:seminarmbgips@gmail.com)

### Mode of Payment

*Account transfer*

Account Name : **Director, Malabar Botanical Garden  
& Institute for Plant Sciences**  
Account Number : **67178678577**  
Bank : **State Bank of India**  
Branch : **Mankavu Branch**  
IFSC : **SBIN0070535**



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