

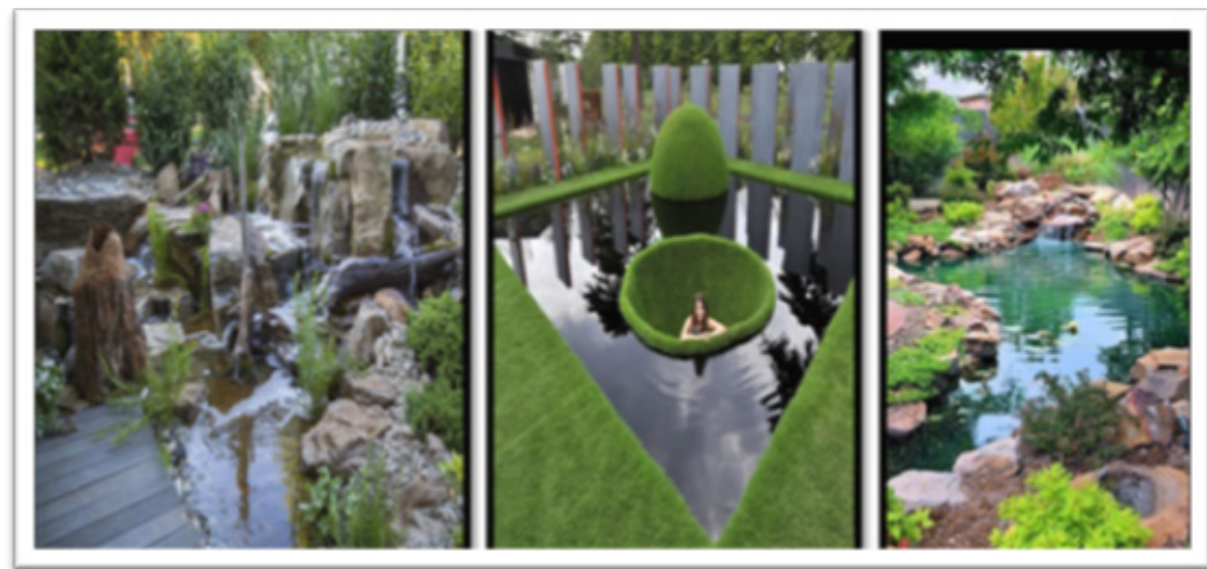
## INTRODUCTION

A garden landscape and its components are more important as they contribute significantly to our well-being and quality of life. The art of landscape gardening was sharpened by using natural components like soil, water and air. Among them, water plays a major role as it is a multidimensional object of research that appears in various fields like environmentally, socially, financially, culturally and aesthetically. Water, mankind's most important source of life, is an important element that can be included in landscapes as they appeal to all the senses and people of all ages. The sex pheromones of insects are typically mixtures of two or more chemicals, and very rarely is one chemical, usually the major component, effective for luring conspecifics and facilitating mating. One of the most significant elements that endangers the efficiency of the produce in agricultural areas is insects. Because insects reproduce so

rapidly, expenditures for biological insecticides account for a sizable amount of overall expenses. Using biotechnological methods, such as pheromone traps, rather than biological ones, more successful and intelligent pest control scenarios can be achieved by keeping track of the insects' reproductive stages. Pheromone traps are used to stop the huge reproduction since the male insects are drawn to them and unable to mate with the females. The primary drawback of pheromone traps is the high labour expense required to physically patrol the traps. Expert personnel who can distinguish between different insect species are needed for trap inspection. Along with the high labour expenses, the human element in the entire process causes many other issues, such as mistakes made when counting and recording the acquired data.

## WATERSCAPING?

- Endowed with the feature of being clear and transparent, clean and pure, gentle and charming, water has become an inevitable element in garden art.
- Waterscaping is a landscape in which an expanse of water is a dominant feature wherein planned planting of aquatic and semi-aquatic plants in and around the pool is done.
- This waterscape is one of the oldest art of gardening.



# WATERSCAPING- A NOVEL APPROACH IN LANDSCAPING

Latha G.K.<sup>1\*</sup> and Devaraju<sup>2</sup>

<sup>1</sup>M.Sc. Scholar, Department of Vegetable Science, College of Horticulture, Mudigere, KSNUAHS, Shivamogga, Karnataka, India.

<sup>2</sup>Assistant Professor, Department of Vegetable Science, College of Horticulture, Mudigere, KSNUAHS, Shivamogga, Karnataka, India.



# SIGNIFICANCE OF WATERSCAPE:

Water has always maintained its place as one of the most important elements devised from past to present

1. Waterscaping serves as an attractive spatial component as the flexibility of water attracts attention and arouses curiosity
2. Mobility- Water moving at different speeds with nice sounds is a dominant element that adds life to space
3. Microclimate- Waterscaping helps to create a microclimate by cooling the local atmosphere, especially in a heavily urban area
4. Waterscaping plays an effective role in providing the functional and aesthetic requirements
5. The aesthetic purposes of the water are divided into five, which are Visual, Auditory, Psychological, Tactile and Cooling purposes



## BENEFITS:

- ✓ Provide a relaxing atmosphere
- ✓ Add negative ions to the environment
- ✓ Promote backyard ecosystem
- ✓ Helps to improve the environment
- ✓ Promotes social well-being
- ✓ Healing psychological effects (Noise barrier, changing climate etc.)
- ✓ Decreases mental fatigue.

## BEST WATER GARDEN IN THE WORLD

1. **Stanway House and Fountain, Gloucestershire, United Kingdom:** This 18th-century garden was probably designed by British landscape gardener Charles Bridgeman and is home to the highest fountain in Britain, at 300 feet.



2. **Rashtrapati Bhavan water garden, Delhi:** Inaugurated in February 2006, the Musical Garden was President A.P.J. Abdul Kalam's initiative. The Musical Garden has three large water fountains demonstrating digital electronics, electromagnetism, hydrodynamics and hydrostatics. The music is digitized and the audio system is fed through a computerized program controller.
3. **Brindavan Garden, Mysore:** The musical fountains are popular features of the Brindavan Gardens. The fountains are maintained by the water pressure from the dam and are operated through a controller. The musical fountain show presents a harmonized water dance accompanied by colorful lights and music.
4. **Dal lake of Srinagar:** It is famous as a floating vegetable market, which is a prime fascination for the tourist in the valley of Kashmir.
5. **Almatti water garden, Bijapur, Karnataka:** Famous for its musical fountain, it is based on the Mughal gardening style.
6. **Westbury Court Garden, Gloucestershire, England:** is a Dutch water garden that remarkably survives in Britain.
7. **The Peto Water Garden at Buscot Park, United Kingdom:** Designed by Harold Peto, the water garden at Buscot was laid out in 1904 for the 1st Lord Faringdon and is surrounded by box hedges, statues and terracotta jars.
8. **Longstock Park, Hampshire, England:** Park of the Leckford Estate, Longstock Park's extensive water garden was created in the 1940s, comprising seven acres of garden, with over 40 different types of water lilies throughout the two acres of lake.

## CONCLUSION

Water is the eternal theme of the garden and is one of the important elements in the landscape. Water has vitality. The natural water could bring dynamic noise, quietness, peace and charming reflection. Water provides us with a living environment. In a public space, water is often used to organize space and attract sights. Some aquatic plants play an important role in removing water pollutants control weed growth. Besides all these, water use provides a visual, auditory, psychological, tactile and cooling effect to the design from an aesthetic point of view.