

## Botanical Gardens in India

### Why in news?

The Tamil Nadu government decided to establish a large botanical garden in the State, in order to protect and conserve the plant community.

### What is botanical garden?

- Botanical garden is an educational institution for scientific workers and general public to awake and enlightened interest in plant life.
- The botanical gardens are the natural source of science and culture.
- Botanical gardens are major centers of research and education on plants as well as famous tourist destinations.

*Chengalpattu Botanical Garden (CBG), at Kadambur village in Chengalpattu district of Tamil Nadu will be India's largest botanical garden.*

### What are the importance of botanical gardens in India?

- **Biodiversity outreach** - Botanical gardens are important centers for plant exploration, discovery and research, as well as [biodiversity](#) outreach.
- **Structural foundations** - Since plants are the structural foundations of our diverse ecological community's botanical gardens can preserve them.
- **Plant research** - Modern academic gardens often have hundreds and thousands of dried plant specimens for research.
- **Richness of life on earth** - Botanical gardens represent the richness of life on earth and a metric of national success in science and outreach
- **Botanical gardens in India** - The botanical gardens in India ranges of 10-35.
- Some of the **botanical gardens in India** are:
  - Botanic Garden of the Council of Scientific and Industrial Research (CSIR),
  - National Botanical Research Institute, Lucknow (Uttar Pradesh),
  - Kerala State Council for Science, Technology and Environment (KSCSTE)- Jawaharlal Nehru Tropical Botanic Garden and Research Institute in Palode (Kerala),
  - KSCSTE-Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode (Kerala).

*Acharya Jagadish Chandra (AJC) Bose Indian Botanic Garden - Oldest of the Indian academic gardens located at Howrah, Kolkata and established in the year 1787.*

## What are the challenges to botanical gardens in India?

- **Negligence** - Indian scientific and educational institutions have neglected many aspects of plant biology, few being exceptions to it.
- **Lack of standards** - There is lack of standards to the Indian botanical gardens.
- **Lack of global partner** - Only few botanical gardens have key partners with the foreign botanical gardens.
- **Complex engineering process** - To set up and maintain a botanical garden.

## Quick facts

### Council of Scientific and Industrial Research (CSIR)

- CSIR was established in September 1942.
- CSIR is a contemporary R&D organization known for its cutting edge R&D knowledge base in diverse S&T areas.
- CSIR is pioneer of India's intellectual property movement.

## References

1. [The Hindu | Botanical Gardens In India](#)
2. [CSIR | About CSIR](#)

