



Swastik Lotus Garden Opens at NBRI | Uttar Pradesh | 16 Sep 2025

Why in News?

Dr. Jitendra Singh, the Minister of State for Science & Technology, inaugurated the **first-of-its-kind Swastik Lotus Garden** at the National Botanical Research Institute in Lucknow.

KeyPoints

- **Objective:** The garden is envisioned to serve as a **hub for biodiversity conservation** while also promoting **entrepreneurship**. It aims to become a **new tourism destination** with opportunities in **floriculture, wellness, and agri-based industries**.
- **Biodiversity:**
 - **The garden, covering 930 sq. m, features 60 varieties of lotus and 50 species of water lilies from around the world.**
 - **The garden is home to the world's first 108-petal lotus, developed at NBRI, Lucknow.**
- **Conservation Methods:** Conservation efforts include advanced **genetic methods, light exposure regulation, and scientific treatments** to preserve the plants.

NAMOH 108 Lotus

- Developed by **CSIR-NBRI (National Botanical Research Institute), Lucknow.**
- Named NBRI Namoh 108, this unique variety of lotus (*Nelumbo nucifera*) has **108 petals**, symbolizing the **religious significance** of both the lotus and the number 108.
- It has **large, light pink flowers** with a maximum diameter of up to 10 inches.
- Unlike other varieties, it flowers almost **throughout the year** (March-December)
- This elite variety contains **high content of nutritional components** like [amino acids,](#) polyphenols, flavonoids, catechins, fatty acids, carbohydrates, and minerals.
- It is the **first lotus variety** with a **fully sequenced genome** for its characteristics.