



# Prayagraj to Get 2nd SSH Lab

## Why in News?

Prayagraj soon to get its second **Sentinel Surveillance Hospital Lab (SSH Lab)**, a vital facility to diagnose [dengue virus](#).

## Key Points

- Currently, the district of Prayagraj only has a SSH lab located at the department of microbiology in **Moti Lal Nehru (MLN) Medical College**.
  - At a workshop held at MLN College to observe **National Dengue Day (16th May 2024)**, it was discussed that plans are in progress to establish a specialized dengue testing laboratory at Tej Bahadur Sapru hospital, also known as Beli hospital, before the end of 2024.
- The **theme of Dengue Day 2024** was to **connect with the community and control dengue**.

## Dengue

- **About:**
  - Dengue is a mosquito-borne tropical disease caused by the **dengue virus (Genus Flavivirus)**, transmitted by several species of female mosquito within the genus Aedes, principally **Aedes aegypti**.
    - This mosquito also transmits **chikungunya, yellow fever and Zika infection**.
  - There are 4 distinct, but closely related, serotypes (separate groups within a species of microorganisms that all share a similar characteristic) of the virus that cause dengue (DEN-1, DEN-2, DEN-3 and DEN-4).
- **Symptoms:**
  - Sudden high fever, severe headaches, pain behind the eyes, severe bone, joint, and muscle pain, etc.
- **Diagnosis and Treatment:**
  - Diagnosis of dengue infection is done with a blood test.
  - There is no specific medicine to treat dengue infection.