Crowd Eye Device

Why in News?

Recently, [Indian Institute of Technology (IIT) Roorkee](#) has developed a '**Crowd Eye' device** to **manage increasing pilgrim footfall** at the [Char Dham shrines](#) by sending alerts before the crowd increases.

- On the experimental grounds, preparations are being made to install the **first Crowd Eye device** in [Yamunotri.](#)

Key Points

- This device is designed for **real-time monitoring of religious places** to manage crowds.
- A funding request has been submitted to **Uttarakhand State Council for Science and Technology (UCOST)** in Dehradun for installing a locally developed 'Crowd Eye' device in Yamunotri.
  - The project will start after budget approval, with production cost estimated at 60 to 70 thousand rupees. Efforts are also being made to [patent](#) this technology.
- Future updates aim to differentiate between male and female data within crowd counts.
- Surveys at **Deen Dayal Upadhyay and Pantdweep parking areas in Haridwa**r are addressing traffic congestion during the pilgrimage season.

Char Dham Yatra

- **Yamunotri Dham:**
  - Location: **Uttarkashi district.**
  - Dedicated to: **Goddess Yamuna.**
  - River Yamuna is the second-most sacred river in India after River Ganga.
- **Gangotri Dham:**
  - Location: **Uttarkashi district.**
  - Dedicated to: **Goddess Ganga.**
  - Considered the most sacred of all Indian rivers.
- **Kedarnath Dham:**
  - Location: **Rudraprayag district**.
  - Dedicated to: **Lord Shiva.**
  - Situated on the bank of the **Mandakini River.**
  - One of the **12 Jyotirlingas** (divine representations of Lord Shiva) in India.
- **Badrinath Dham:**
  - Location: **Chamoli district.**
  - Home to the sacred **Badrinarayan Temple.**
  - Dedicated to: **Lord Vishnu**.
  - One of the holy shrines for Vaishnavites.