



IG Drones to Survey PRT Corridor

Why in News?

According to the reports, IG Drones, a drone tech and analytics company is going to survey the **Uttarakhand Metro Rail Project**. It is the inaugural **Personalized Rapid Transit Corridor (PRT)** corridor under the Neo Metro System.

- An initiative by the Government of Uttarakhand, the **PRT Corridor project is anticipated to be completed by 2024** and seeks to offer world-class and state-of-the-art commuting.

Key Points

- The **Neo Metro Project** plans to build state-of-the-art **rapid transit systems in Dehradun, Haridwar, and Rishikesh** in the next four years to ease traffic congestion.
- The **PRT** is being **developed under the Mass Rapid Transit System (MRTS)** that will **link three cities- Haridwar, Rishikesh, and Dehradun**.
- IG Drones will help prepare a **Detailed Project Report (DPR)** by surveying the project through high-tech drones.
 - The company will employ domestically developed drones to conduct **regular overview** of the ongoing work progress on the ground.
 - The drones are equipped with **advanced sensors** capable of **capturing high-resolution images, videos, and additional data from the ground**.
 - This collected data is then processed through **IG One**, their **proprietary software**, which offers in-depth technical insights and analytics.
- These analytics enable real-time tracking of the project's progress.
- IG Drones is the leading drone tech and analytics company that has launched India's **first 5G Drone- Skyhawk**.
- **Drones** are increasingly prevalent in infrastructure projects, **valued for their efficiency, precision, and cost-effectiveness**.
 - Their applications extend to **surveying construction progress, assessing work quality, and identifying potential issues** during the construction phase.