GLEX (Global Conference on Space Exploration)

***Prelims**: Current events of national and international importance*

Why in news?

Recently Union minister of science and technology inaugurated the 12th edition of the Global Space Exploration Conference (GLEX 2025) from 7th to 9th May 2025 in New Delhi.

- **GLEX** - It is an international platform to share knowledge, innovations, and collaborative strategies in the field of space exploration.
- **Theme** - Reaching New Worlds: A Space Exploration Renaissance
- **Organized by -** The event is organized by the **International Astronautical Federation (IAF)**.
  - Indian Space Research Organisation (ISRO) (host)
  - Astronautical Society of India (ASI) (co-host)

> ***International Astronautical Federation (IAF)** is a global body promoting dialogue and cooperation among stakeholders in the space sector.*

Objectives

- To share ***technical, policy, and programmatic updates*** in global space exploration.
- To assess progress since GLEX 2021 and chart future directions.
- To discuss ***collaborative solutions***, challenges, and lessons learnt.
- To explore how space investments benefit humanity.
- To promote international cooperation and innovation in space missions.

Role of India in Global Space Conference

- It is the ***first major global space conference*** in India in recent years.
- India will showcase its achievements in ***space science and technology*** through ISRO and private players.
- Opportunity for India to strengthen its role as a ***leader in the Global South*** in space diplomacy.
- Promotes India's emerging ***commercial space ecosystem*** and technological capabilities.
- *Facilitates bilateral and multilateral space cooperation* initiatives with major space powers.

References

1. PIB| India hosts GLEX 2025

2. IAF| Global Space Exploration Conference 2025

