

Crew Module



Service Module

Gaganyaan Mission

Why in news?

- **P**M Narendra Modi announced the names of the four astronauts who will be a part of India's first human space flight program, Gaganyaan, slated to be launched in 2024-25.

Key Points

Four selected pilot groups of Indian Air Force

Captain Prashant Nair,

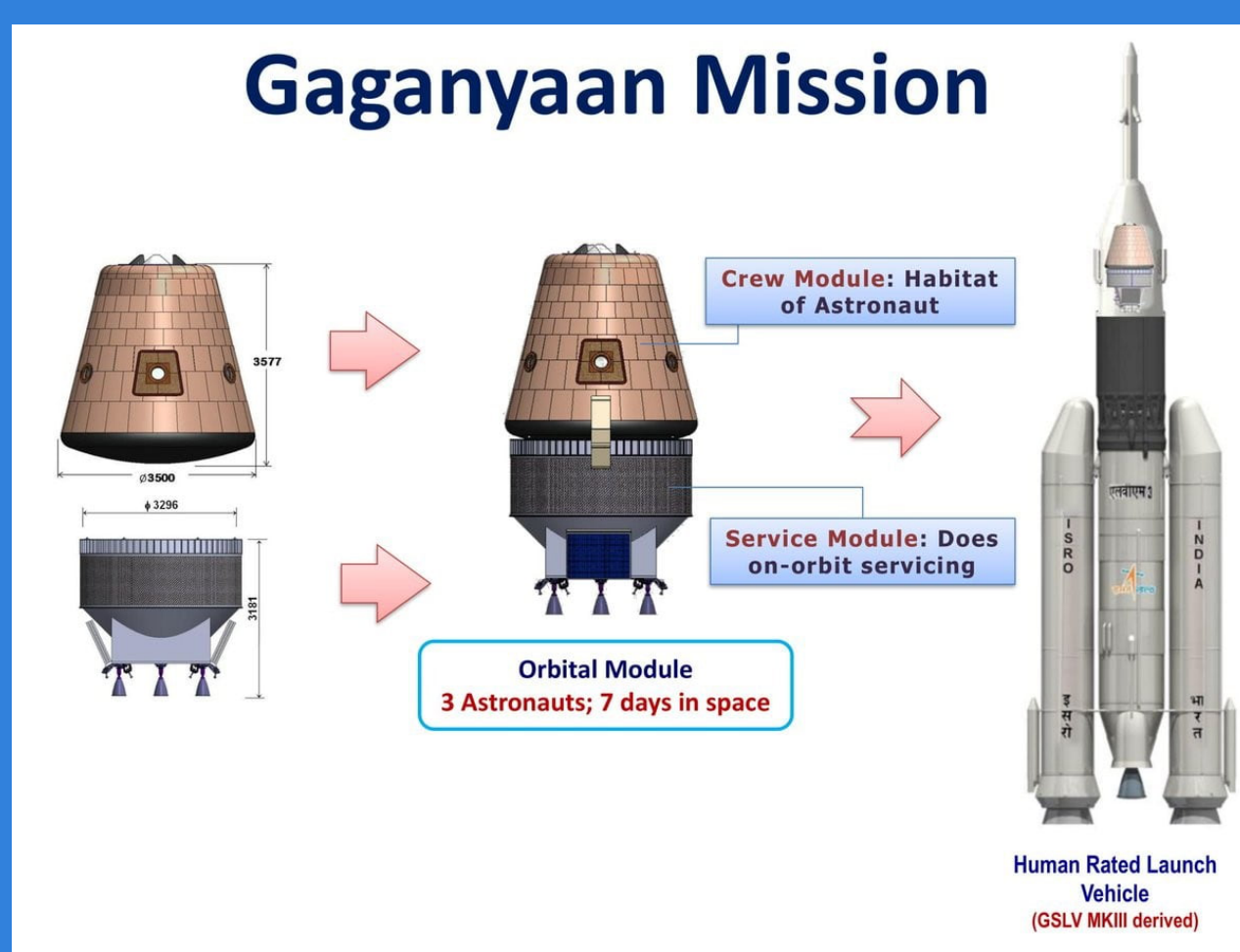
Captain Ajit Krishnan,

Captain Angad Pratap

Wing Commander Shubhanshu Shukla

- All four astronauts were trained at Russia's Yuri Gagarin Cosmonaut Training Centre.

About Gaganyaan Mission



- The Gaganyaan project envisages to demonstrate human spaceflight capability by launching a crew of 3 members into a 400 km orbit for a 3-day mission and landing in Indian waters and returning them safely to Earth.
- This is the mission of ISRO.
- The total expenditure on this project is ninety billion rupees.
- If India is successful in this project, it will become the fourth country to send humans into space. Before this, the Soviet Union, America and China have achieved success in sending humans into space.

India's upcoming goals in the field of space

- To open its first space station by 2035.
- Sending Indian astronauts to the Moon by 2040.