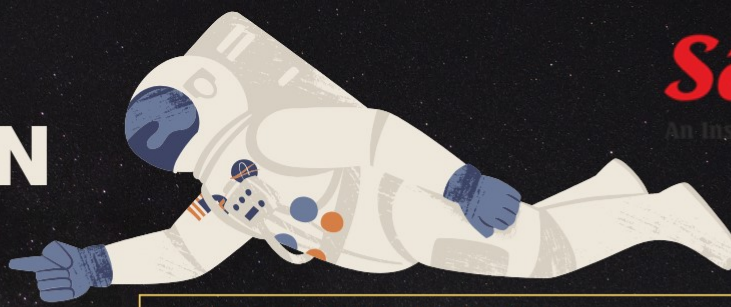


GAGANYAAN MISSION



**1ST HUMAN SPACE
FLIGHT PROGRAMME
OF ISRO.**



Russia and France are cooperating with India for Gaganyaan mission.



SIGNIFICANCE

- Boosts India's ambition to establish its own space station.
- Spurs R&D in niche science & tech domains.
- Employment opportunities
- Facilitates India's collaboration in global space exploration.
- Provides a microgravity platform for experiments and a testbed for future technologies.
- Potential for technology spin-offs in medicine, agriculture, pollution control, etc.

LAUNCH VEHICLE

GSLV-Mk III, also called the LVM-3

PAYLOADS

Crew Module: It is the spacecraft carrying human beings

Service Module: It will support the crew module and is powered by liquid propellant engines.

OBJECTIVE

To demonstrate indigenous capability of human space flight to low earth orbit.

ACHIEVEMENT

India will become the 4th nation in the world to launch a Human Spaceflight Mission after USA, Russia, and China.



VYOMNAUTS

India plans to call its astronauts "Vyomnauts" since 'Vyom' in Sanskrit means 'Space'.



CHEAPEST

It would be one of the cheapest manned spaceflights in the world, with the estimated cost of not more than Rs 10000 crore.



AUGUST 15, 2018

The project was first approved by PM Narendra Modi on August 15, 2018.



CREW

It will send the three member crew to space for at least seven days by 2024-25.

