

GAGANYAAN

Aravinth R

Technical Trainee at Wings of Aero

Abstract:

Chandrayan is an Indian crewed orbital Spacecraft mission of INDIA. Gaganyaan means sky craft. This spacecraft is designed to carry three people. The superpowers are fighting for space projects. India wants to join this list to explore the universe using the power of science and technology. This article explains the future of Gaganyaan features and budget details.

Gaganyaan:



Courtesy: ISRO

Gaganyaan is a manned space shuttle mission. The prototype of the crew module was successfully tested

by Hindustan Aeronautical limited on 13 February 2014. The Bad Abort Test of the Indian Space Research Organization was successfully conducted on 5 July 2018. The long duration of the hot test of the Vikas engine was tested by ISRO on 14 July 2021.

Feature of Gaganyaan:

The Gaganyaan crew is a fully autonomous spacecraft designed to safely carry a crew of up to seven days after returning to Earth. Gaganyaan has a one service module it is powered by a liquid propellant engine. The crew module will be connected to the service module. The spacecraft will have life support and environmental control system.

Budget of Gaganyaan:

In December 2018, the government approved an additional 100 billion rupees for a 7-day group flight of 3 astronauts by 2021.

Conclusion:

Future mission based on space exploration. India will achieve space goals.

T.E.M.S Journal