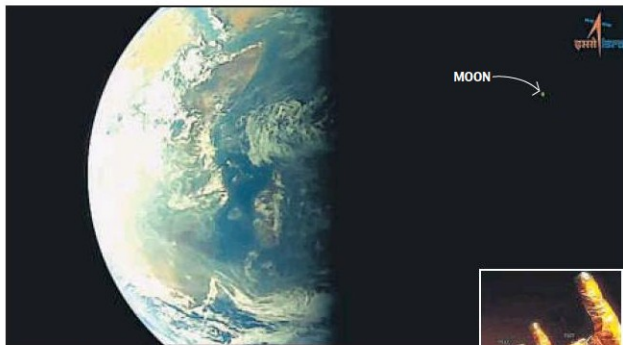




Hindustan Times

FIRST VOICE. LAST WORD.

Aditya-L1 looks back at Earth, Moon; takes a selfie



The Indian Space Research Organisation (ISRO) on Thursday shared the first set of images of the Earth and Moon (visible as a tiny speck) clicked from the cameras on-board the Aditya-L1 spacecraft — India's maiden mission to study the Sun. The space agency also released a video with selfies of the spacecraft.

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Isro eyes Gaganyaan mission by October

Soumya Pillai

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NEW DELHI: The year 2023 has been a busy one for the Indian Space Research Organisation (ISRO) thus far — and the remaining four months of the year are going to be no different.

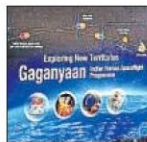
After the success of two of its most crucial missions — Chandrayaan-3, India's third lunar mission and its maiden solar mission, Aditya-L1 — the space agency is preparing for its next big thing, the test vehicle launch meant to validate the in-flight crew escape system for India's first human spaceflight, Gaganyaan, senior ISRO scientists said.

ISRO chairman Somanath said there are at least three more important missions lined up.

"The test vehicle launch for Gaganyaan is likely to happen by first or second week of October, then we have the Geosynchronous Satellite Launch Vehicle Mark II (GSLV Mk II) launch for INSAT-3DS satellites, and then the third mission for the Small Satellite Launch Vehicle (SSLV) is scheduled."

He added that apart from these missions, the launches with Polar Satellite Launch Vehicle (PSLV) and Launch Vehicle Mark-3 (LVM-3) are also likely to be scheduled this year or early next year.

The Gaganyaan project envisa-



Gaganyaan project envisages demonstration of human spaceflight capability.

ges demonstration of human spaceflight capability by launching a crew of three members to an orbit of 400km for a three-day mission and bringing them back safely. "The prerequisites for Gaganyaan mission include development of many critical technologies including human rated launch vehicle for carrying crew safely to space, life support system to provide an earth like environment to crew in space, crew emergency escape provision and evolving crew management aspects for training, recovery and rehabilitation of crew," ISRO said in its mission document.

While the Gaganyaan mission is a long-drawn project, ISRO's INSAT-3DS mission will see the launch of a rocket carrying a satellite for the Indian Meteorological Organisation (IMD).