

ISRO places three satellites in orbit in first launch of 2022

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In the first successful launch in about a year, the Indian Space Research Organization sent EOS-04, an all-weather earth observation satellite, and two other satellites into space on a PSLV rocket .

Key Highlights

- The launch starts a busy calendar for the Indian space agency, which has lined up as many as 19 launches this year, after two years of lull caused by the Covid19 pandemic.
- The recent launch was the first successful one after the flight of PSLV-C51 on February 28 last year that had carried a Brazilian satellite, Amazonia-1, and 18 other smaller payloads to space.
- The PSLV-C52 rocket, carrying EOS-04 and two other satellites, lifted off at 5.59 am from the Satish Dhawan Space Center in Sriharikota on Monday morning. The EOS-04, which is a radar imaging satellite meant to provide high quality images of the land under all weather conditions, was deposited in the intended sun synchronous polar orbit 18 minutes later.
- One of the other satellites, called INSPIRESat-1, was built by the Thiruvananthapuram-based Indian Institute of Space Science and Technology in collaboration with the University of Colorado in the United States.
- Students from Nanyang Technological University in Singapore and National Central University of Taiwan have also contributed to this satellite. This satellite would study

the dynamics of the upper atmosphere. It also carries an X-ray spectrometer for studying solar flares.

- This is the first time Taiwan's scientists have participated in an international team launching a satellite from India.

SOURCE: *The Indian Express*