

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

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Sub: Monthly Summary of Department of Space for the month of November, 2024

The key highlights of the activities of Department of Space for the month November, 2024 are as under:

- I. Policy and other matters pending due to prolonged inter-ministerial consultations which Department want to bring to notice of cabinet Secretary: Nil
- II. Proposals /reference pending for long in the cabinet Secretariat or the Prime Minister's office: Nil
- III. Particulars of any case in which there has been a departure from rules of business: Nil
- IV. Any other matter/significant development (s) Department feel warrants being brought to my notice:
 - Launch Vehicle stacking activities at SDSC Sriharikota:
 - a. PSLV-C59/Probha-3 mission is completed including satellite integration at the First launch pad with Launch Scheduled on December 04, 2024.
 - b. PSLV-C60/SPADEX mission progressing at PSLV integration Facility with the launch tentatively planned during fourth week of December 2024
 - c. GSLV-F15/NVS-02 mission completed up to GS2 stage in vehicle assembly Building (VAB) with launch tentatively planned during January 2025.
 - GSAT-N2 communication satellite successfully launched on-board Falcon-9 launcher from Cape Canaveral, USA on November 19, 2024.
 - Gaganyaan G1 mission (first un-crewed mission): All stages of HLVM3 vehicle are ready. Integration of Crew module & Service module system are progressing. Vehicle stacking for G1 mission planned to commence from December 2024.
 - Implementing arrangement between ISRO and Australian Space Agency relating to cooperation in crew and crew module recovery for the Gaganyaan human space flight mission was signed on November 20, 2024.
 - Development hot test of 30KN hybrid (Solid fuel and gaseous oxidizer) rocket motor with HTPB+20%Al as fuel & gaseous oxygen as oxidizer, was conducted for a duration of 10 seconds at scramjet propulsion test facility, IPRC on November 21, 2024.

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- Supported for disaster management during flood, cyclone, landslide etc. for various Indian states. Earth observation associated support extended for various national and state level projects under ministries and State government.
- Based on the bids submitted against the announcements of opportunity made by IN-SPACe, the beneficiary to ITU filing made under Indian Administration for 89E has been finalized. This will enable the first Indian private company to own & operate a GSO communication satellite in the country.
- About 35,700 participants across nearly 1400 institutions benefited through the outreach/distance learning programme covering Remote Sensing, GIS, GNSS, Geoweb Services and its application.

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