



# INDIAN NAVY TO BOLSTER SPACE-BASED COMMUNICATION WITH INDIGENOUS GSAT-7R SATELLITE

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**Indian Space Research Organisation (ISRO)** is scheduled to launch Indian Navy's GSAT-7R (CMS-03) communication satellite today, **02 Nov 2025**. This would be the most advanced communication satellite thus far for the Indian Navy. The satellite would strengthen Navy's space-based communications and maritime domain awareness capabilities.

The **indigenously** designed and developed satellite would be launched **from the Satish Dhawan Space Centre in Sriharikota**. This satellite is the **India's heaviest communication satellite till date**, weighing approximately **4,400 kg**, and includes many indigenous state-of-the-art components developed specifically to meet the Indian Navy's operational requirements.

GSAT-7R will provide robust telecommunication coverage across the Indian Ocean Region. Its payload includes transponders capable of supporting voice, data, and video links over multiple communication bands. This satellite will significantly enhance connectivity with high-capacity bandwidth, enabling seamless and secure communication links between ships, aircraft, submarines, and Maritime Operations Centres of the Indian Navy.

In an era of complex security challenges, GSAT-7R represents Indian Navy's determination to protect the nation's maritime interests leveraging advanced technology through ***Aatmanirbharta***.



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## VM/SPS

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