

## **PSLV-C56 / DS-SAR mission successfully accomplished**

- ❖ **PSLV-C56/DS-SAR mission undertaken by NSIL under the commercial arrangement with M/s ST Engineering, Singapore was successfully accomplished on 30<sup>th</sup> July 2023.**
- ❖ **DS-SAR, a Radar Imaging Earth Observation satellite, weighing 352 kg was the primary satellite for the mission. In addition to DS-SAR, there were 6 co-passenger satellites from Singapore belonging to Nanyang Technological University (NTU), National University of Singapore (NUS) and companies from Singapore.**
- ❖ **DS-SAR satellite and the six co-passenger satellites were successfully injected into Near-Equatorial Orbit (NEO), in an orbit of 535 km circular with orbital inclination of 5 deg.**

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**NSIL TEAM WITH CUSTOMER ON THE FIRST LAUNCH PAD (FLP) AT SDSC-SHAR, SRIHARIKOTA**

**BEFORE LIFT-OFF**



**DURING LIFT-OFF**



**AFTER LIFT-OFF**

