

Press Release

NSIL's Second Dedicated commercial launch "PSLV-C53/ DS-EO Mission" successfully accomplished on 30th June 2022

On 30th June 2022, NewSpace India Limited(NSIL), a Govt. of India company under Department of Space (DoS), successfully accomplished its second Dedicated commercial launch by launching three Singapore satellites – DS-EO, NeuSAR and SCOOB-1 onboard ISRO's workhorse launch vehicle PSLV-C53. The launch took place from Satish Dhawan Space Centre, Sriharikota at 6:02 PM (IST). For this mission the vehicle configuration was core alone (PSLV-CA).

The PSLV-C53/ DS-EO mission achieved its intended objective by injecting three customer satellites into precise orbit of 570 Km circular with 10-degree inclination. DS-EO satellite carried Electro-Optic and Multi-spectral payloads used for land classifications, humanitarian assistances and disaster relief purposes. DS-EO Satellite weighed approx. 365 Kg. This hexagonal shape satellite had four deployable solar panels.

NeuSAR is Synthetic Aperture Radar Micro satellite weighing approx. 164 Kg. Its primary applications are related to monitoring global climate change, facilitating humanitarian aid and providing enhanced emergency response in disaster management.

SCOOB-1 is a 2.3 Kg technology demonstration satellite built by NTU, Singapore.

In this mission, PS4 stage has been used as stabilized orbital platform which has provided opportunities to startups to host their payloads for technology demonstration purpose. The PS4 orbital platform carries payloads from two space startups M/s Dhruva and M/s Digantara under an arrangement with NSIL.

@@@