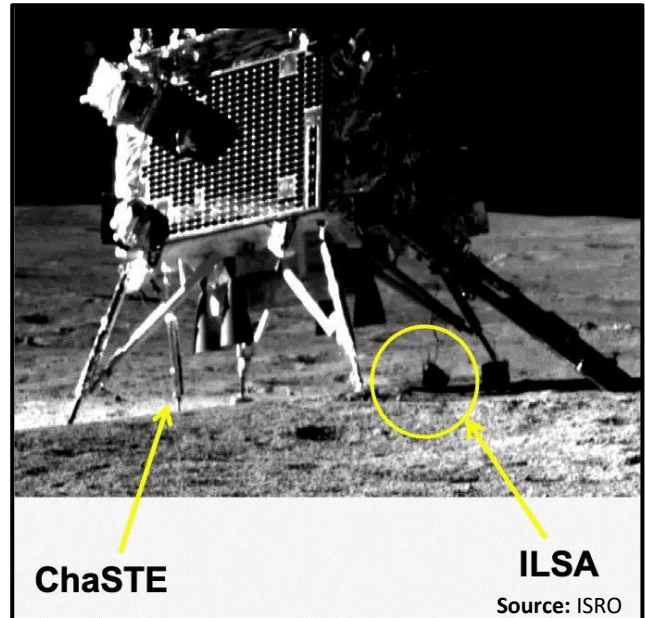
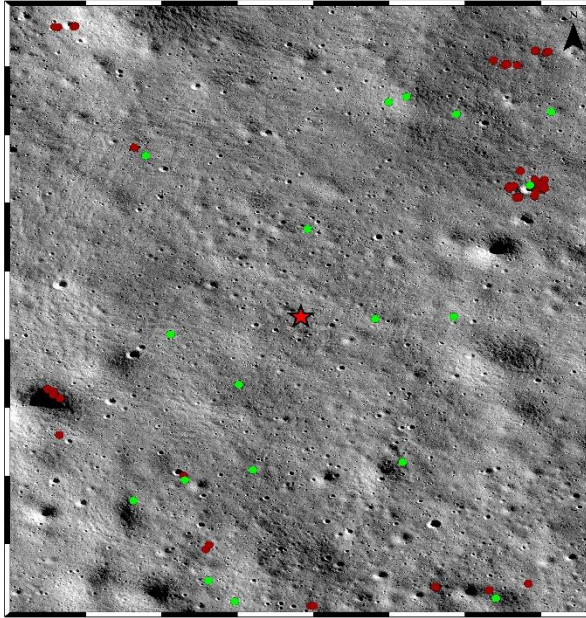


## **EXHIBIT for NSpD**

### **Exploring the Chandrayaan-3 Landing Site**



India's ambitious Chandrayaan-3 mission has successfully achieved soft landing over the Moon on 23<sup>rd</sup> August 2023. The Chandrayaan-3 lander, named Vikram after Dr. Vikram Sarabhai, 'Father of Indian Space Programme', has landed in a high-latitude region at 69.37° S, 32.31° E, which is later named as 'Statio Shivshakti'.

The landing site was located on a highland region and has experienced continuous space weathering. This site was chosen since it has low surface roughness, facilitating the rover mobility. The surface has also exhibits significant spatial and temporal variations in the temperatures on a diurnal basis.

The lander also had a rover named Pragyan which was deployed to the lunar surface to explore the nearby lunar surface. The rover travelled more than 100 meters on the lunar surface. Both the lander and rover were equipped with various instruments to carry out in-situ experiments on the geological, compositional and thermal contexts.