

28 September



(Picture credits: *Indian Space Research Organization*)

### *AstroSat launch anniversary (2015)*

**Space agency/country:** ISRO  
**Mission:** *AstroSat*

On this day in 2015, the Indian Space Research Organization (ISRO) launched its Polar Satellite Launch Vehicle from the Satish Dhawan Space Centre in Sriharikota. The mission's payload, the *AstroSat* space observatory, was built to collect and study data at ultraviolet and X-ray wavelengths. *AstroSat* was the first Indian astronomical space mission. Although it had been designed to last five years, the project's success has since prompted a mission extension until 28 September 2025. Thanks to *AstroSat*, ISRO was able to collect spectroscopic data on galactic nuclei, galaxy clusters and stellar coronae. Canada contributed to this mission by providing three sensitive detectors for the *Ultraviolet Imaging Telescope (UVIT)* instrument.

#### **For more information:**

<https://heasarc.gsfc.nasa.gov/docs/heasarc/missions/astrosat.html>  
<https://spaceflight101.com/indias-astrosat-space-observatory-delivers-first-light-image/>