



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Perunthalsivam Kamarajar"

Aditya L-1

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Aditya-L1 gets a close look at eruptions from the sun.

About Aditya L-1 Mission:

The mission was launched by PLSV-C57 to observe the Sun from a halo orbit.

Placed at Lagrangian point L1: Continuously viewing the Sun without any occultation/eclipses, reduced fuel consumption etc. are the key advantages of L1.

7 payloads: Four payloads directly view the Sun and three payloads carry out in-situstudies of particles and fields at L1, thus providing insights into the propagatory effect of solar dynamics in interplanetary medium.

Lifespan: 5 years

Objectives: to understand:

- oCoronal Heating and Solar Wind Acceleration;
- oInitiation of Coronal Mass Ejection (CME), flares and near-earth space weather;
- oSolar wind distribution and temperature anisotropy etc.

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