



Workshop on Space Weather Science and Opportunities

and

4th Indian Space Weather Conference Physical Research Laboratory, Ahmedabad

27-30 January 2026



Space weather refers to a multitude of phenomena occurring at the Sun, interplanetary medium, magnetosphere, ionosphere and thermosphere which affect the performance and reliability of space-borne and ground-based technological systems and can endanger human life and health. The launch of Aditya-L1 mission from India is a remarkable step in India's endeavour to understand the Sun and processes related to space weather.

Workshop on Space Weather Science and Opportunities is being organized during 27-28 January 2026, at the Physical Research Laboratory (PRL), Ahmedabad. The workshop aims to train bright and talented students, on the fundamentals of Aeronomy, space weather, its applications and opportunities. Workshop contains lectures by subject experts, interactions, and lab visits to see the ground and satellite based experiments, developed in-house at PRL.

Followed BY

Fourth Indian Space Weather Conference (ISWC-4) during 29-30 January 2026.

- Talks on Aditya-L1 and upcoming India's Aeronomy satellite mission - DISHA.
- All students selected for the workshop can also attend the conference.

How to apply

A) Visit the link or scan QR code

<https://forms.gle/DENJoWNEU1jMZEyH9>

B) Fill the application and upload,

- 1) one page biodata, 2) expression of interest &
- 3) No-objection certificate.

For more information, visit the link given above.

Last Date: 20 December 2025



If you are selected, an email will be sent to you

Support for participation in the workshop

All the selected candidates will be
(a) reimbursed with the round trip train ticket to Ahmedabad by sleeper class; (b) provided boarding and food during the workshop and conference; (c) given participation certificate at the end of the conference.

- * We can understand the weather on Earth. Is the **space weather** different from it?
- * Sun emits harmful X-rays and energetic particles. How are we protected from these?
- * What information, the Aditya-L1 mission provides us?
- * What is the magic behind polar bright lights-Aurora?
- * Why did Starlink satellites burn in the space?
- * What were the impacts of the second largest storm since space age, occurred in 2024

Are you curious to learn the science concepts behind such questions, this is the right time with an unique opportunity.



Who can apply

Students in the **Final** year pursuing M.Sc / M.Tech / Integrated B.Tech-M.Tech/ Integrated B.Sc-M.Sc in Physics, space sciences, atmospheric sciences, Astronomy, Optics, and allied subjects. Students who have completed their degree in 2025 can also apply.

**No
Registration
Fee**



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