

Kodaikanal Winter School - 2026

12-17 January 2026

Kodaikanal Solar Observatory
Indian Institute of Astrophysics

Monday, 12 January 2026

08:00 – 09:00 Breakfast

09:15 – 09:25 Welcome address - [Director, IIA](#)

09:25 – 09:30 Local Information - [Mr. Kumaravel, KSO](#)

09:30 – 11:00 Overview of Solar Astronomy - [Prof. B. Ravindra](#)

11:00 – 11:30 Tea/Coffee break

11:30 – 13:00 Solar Interior and Helioseismology - [Prof. S. P. Rajaguru](#)

13:00 – 14:30 Lunch break

14:30 – 15:30 Solar Atmosphere I: Photosphere and Chromosphere - [Prof. B. Ravindra](#)

15:30 – 16:00 Tea/Coffee break

16:00 – 17:30 CMEs, Flares, and Solar Energetic Particles - [Dr. N. Gopalswamy](#)

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19:30 – 20:30 Dinner

Tuesday, 13 January 2026

07:00 – 08:15 **Facility visit**

08:15 – 09:15 Breakfast

09:30 – 11:00 Radiative Transfer in the Solar Atmosphere - [Dr. L .S. Anusha](#)

11:00 – 11:30 Tea/Coffee break

11:30 – 13:00 Sun-Earth Connection and Space Weather - [Dr. N. Gopalswamy](#)

13:00 – 14:30 Lunch break

14:30 – 15:30 Solar Atmosphere II: Transition Region and Corona - [Dr. K. Sasikumar Raja](#)

15:30 – 16:00 Tea/Coffee break

16:00 – 17:30 Sun and Planetary Ionospheres - [Dr. Pavan Grampurohit](#)

19:30 – 20:30 Dinner

Wednesday, 14 January 2026

07:00 – 08:15 **Facility visit**

08:15 – 09:15 Breakfast

09:30 – 11:00 CMEs, CIRs and In-situ Observations - [Dr. Wageesh Mishra](#)

11:00 – 11:30 Tea/Coffee break

11:30 – 13:00 Hands-on session - [Ms. Anjali Agarwal](#), [Dr. Wageesh Mishra](#)

13:00 – 14:30 Lunch break

14:30 – 17:00 [Pongal Celebrations – Free Time](#)

19:30 – 20:30 Dinner

Thursday, 15 January 2026

07:00 – 08:15 **Facility visit**

08:15 – 09:15 Breakfast

09:30 - 11:00 Aditya-L1 mission - [Dr. K. Sasikumar Raja](#)

11:00 – 11:30 Tea/Coffee break

11:30 – 13:00 Solar Radio Astronomy - [Dr. C. Kathiravan](#)

13:00 – 14:30 Lunch break

14:30 – 15:30 Solar Radio Instrumentation - [Dr. C. Kathiravan](#)

15:30 – 16:00 Tea/Coffee break

16:00 – 17:30 Hands-on session (on solar radio data) - [Dr. K. Sasikumar Raja](#), [Mr. M. Rajalingam](#), [Ms. Aditi Sharma](#)

19:30 – 20:30 Dinner

Friday, 16 January 2026

08:00 – 09:00 Breakfast

09:30 – 11:00 Solar Telescopes and Observations (Ground-based, optical) - [Dr. R. Sridharan](#)

11:00 – 11:30 Tea/Coffee break

11:30 – 13:00 Sun and other Stars - [Dr. Ravinder K. Banyal](#)

13:00 – 14:30 Lunch break

14:30 – 15:30 Magnetohydrodynamics - [Dr. Piyali Chatterjee](#)

15:30 – 16:00 Tea/Coffee break

16:00 – 17:00 Solar Dynamo and Solar Cycles - [Dr. Piyali Chatterjee](#)

17:00 - 18:00 Adaptive Optics Instrumentation - [Dr. R. Sridharan](#)

19:30 – 20:30 Dinner

Saturday, 17 January 2026

08:00 – 09:00 Breakfast

09:30 - 11:00 Spectropolarimetry and Magnetic fields - [Dr. K. Sankarasubramanian](#)

11:00 – 11:30 Tea/Coffee break

11:30 – 13:00 Theoretical aspects of spectropolarimetry – [Dr. M. Sampoorna](#)

13:00 – 14:30 Lunch break

14:30 – 16:00 Hands-on Session (Spectropolarimetric observations) - [Ms. Savitha M.S. and Mr. Saurao M Upare](#)

16:00 – 16:30 Tea/Coffee break

16:30 – 17:00 Interaction and feedback

17:00 – 17:15 Concluding remarks - [Dean, IIA](#)

19:30 – 20:30 Dinner