

## ATSOAA 2026 - Programme Schedule

Time	Session	Speaker	Title	Session Chair
<b>Week 1</b>				
<b>April 20, 2026 (Monday)</b>				
9:00 AM	Welcome	Registration		Mahadev
9:30 AM - 9:35 AM		Welcome Address by the Director		
9:35 AM - 9:45 AM		Yogesh Joshi	An Overview of ATSOAA 2026	
9:45 AM - 10:45 AM		Brijesh Kumar	An Overview of Optical Astronomy	
<b>Tea/Coffee Break (10:45 AM - 11:15 AM)</b>				
11:15 AM-12:15 PM		Saurabh	Detectors for Optical and IR Astronomy	Manojit
12:15 PM - 1:15 PM		Shashi B. Pandey	Stellar Evolution	
<b>Lunch Break (1:15 PM - 2:00 PM)</b>				
2:00 PM - 3:00 PM	Demo session	Debalina, Surath	Photometric	Dhruv
<b>Tea/Coffee Break (3:00 PM - 3:30 PM)</b>				
3:30 PM – 4:30 PM	Demo Session	Debalina, Surath, Dhruv	Photometric (contd.)	Dhruv
4:30 PM - 5:30 PM	Project Overview	All Project Guides	Discussions with Project Guides	

<b>April 21, 2026 (Tuesday)</b>				
9:30 AM - 10:30 AM		Neelam Panwar	Star Formation	Surath
<b>Tea/Coffee Break (10:30 AM - 11:00 AM)</b>				
11:00 AM- 12:00 PM		Ramakant Yadav	Stellar Motions	Surath
12:00 PM – 01:00 PM		Govind Nandakumar	Stellar populations in the Milky Way	
<b>Lunch Break (1:00 PM - 2:00 PM)</b>				
2:00 PM - 3:00 PM	Project Work	Project Guides		

<b>Tea/Coffee Break (3:00 PM - 3:30 PM)</b>				
<b>3:30 PM – 4:30 PM</b>	<b>ARIES Colloquium</b>	<b>Sydney A. Barnes</b>	<b>The rotation of cool stars via observation and theory</b>	<b>Shashi B. Pandey</b>
4:30 PM - 5:30 PM	Project Work	Project Guides		

<b>April 22, 2026 (Wednesday)</b>				
9:30 AM - 10:30 AM		S. Krishna Prasad	Introduction to Sun and its atmosphere	Sunil
<b>Tea/Coffee Break (10:30 AM - 11:00 AM)</b>				
11:00 AM-12:00 PM		Yogesh C. Joshi	Exoplanet Detections and Recent Advancement	Sunil
12:00 PM - 01:00 PM		Snehlata	Study of Variable Stars	
<b>Lunch Break (1:00 PM - 2:00 PM)</b>				
2:00 AM - 03:00 PM		Suvendu Rakshit	An Introduction to Cosmology	Jincen
<b>Tea/Coffee Break (3:00 PM - 03:30 PM)</b>				
3:30 PM - 4:30 PM	Demo Session	Prakhar Singh	Solar Physics	Mahadev
4:30 PM – 5:30 PM	Project Work	Project Guides		

<b>April 23, 2026 (Thursday)</b>				
9:30 AM - 10:30 AM		Jagdish Joshi	Cosmic Rays and their Potential Accelerators in our Galaxy	Akhilesh
<b>Tea/Coffee Break (10:30 AM - 11:00 AM)</b>				
11:00 AM-12:00 PM		Indranil Chattopadhyay	Black Hole Astrophysics: An introduction	Akhilesh
12:00 PM - 1:00 PM		Kuntal Mishra	An Introduction to Transients- GRB and Supernovae	
<b>Lunch Break (1:00 PM - 2:00 PM)</b>				
2:00 PM - 3:30 PM	Demo Session	Jincen, Surath, Archana, Divyanshu	Spectroscopy	Divyanshu
<b>Tea/Coffee Break (3:30 PM - 4:00 PM)</b>				
4:00 PM - 5:30 PM	Project Work	Project Guides		

**April 24, 2026 (Friday)**

9:30 AM - 10:30 AM		Jeewan Pandey	Stellar structure	Archana
<b>Tea/Coffee Break (10:30 AM - 11:00 AM)</b>				
11:00 AM-12:00 PM		Santosh Joshi	Asteroseismology	Archana
12:00 PM - 01:00 PM		Alok Chandra Gupta	AGN and its multi-wavelength observational properties	
<b>Lunch Break (1:00 PM - 2:00 PM)</b>				
2:00 PM - 3:30 PM	Demo Session	Kartik	Instrumentation	Manojit
<b>Tea/Coffee Break (3:30 PM - 4:00 PM)</b>				
4:00 PM - 5:30 PM	Project Work	Project Guides		

**April 25, 2026 (Saturday)**

9:30 AM - 11:30 AM	Visit	Sunil, Mahadev, Prakhar & Surath, Archana, Dhruv	Sunspot Viewing & 40 inch Telescope	
<b>Tea/Coffee Break (11:30 AM - 12:00 AM)</b>				
12:00 PM - 1:00 PM	Visit	Mukesh, Manojit	ST Radar	
<b>Lunch Break (1:00 PM - 2:00 PM)</b>				

**April 26, 2026 (Sunday)**

**Day Trip to ARIES Devasthal Observatory**

## ATSOAA 2026 - Programme Schedule

Time	Session	Speaker	Title	Session Chair
<b>Week 2</b>				
<b>April 27, 2026 (Monday)</b>				
9:30 AM - 10:30 AM		Narendra Singh	Introduction of Atmospheric Sciences (Dynamics and Boundary Layer)	Mukesh
<b>Tea/Coffee Break (10:30 AM - 11:00 AM)</b>				
11:00 AM-12:00 PM		Priyanka Srivastava	Trace Gas Chemistry in the Atmosphere	Mukesh
12:00 PM - 1:00 PM		Umesh C. Dumka	Aerosol Science and their Impacts	Mukesh
<b>Lunch Break (1:00 PM - 2:00 PM)</b>				
2:00 PM - 3:00 PM		Subhojit	ASTRAD and its use in Gravity Waves Characterisation	Mukesh
<b>Tea/Coffee Break (3:00 PM – 3:30 PM)</b>				
3:30 PM - 5:30 PM	Project Work	Project Guides		
<b>Cultural Evening (6:30 PM onwards in the Auditorium)</b>				

<b>April 28, 2026 (Tuesday)</b>				
9:30 AM - 10:30 AM		Narendra Singh	Boundary Layer Measurements at ARIES (Flux/LIDAR)	Kartik
<b>Tea/Coffee Break (10:30 AM - 11:00 AM)</b>				
11:00 AM-12:00 PM		Priyanka Srivastava	Trace Gas In-situ and Remote Sensing Observations	Debolina
12:00 PM - 1:00 PM		Manish Naja	Air Pollution and Long-lived GHGs: Earth Observing System	
<b>Lunch Break (1:00 PM - 2:00 PM)</b>				
2:00 PM - 3:30 PM	Demo Session	Mukesh, Vikas	Atmospheric	Mukesh
<b>Tea/Coffee Break (3:30 PM – 4:00 PM)</b>				
4:00 PM - 5:30 PM	Project Work	Project Guides		
<b>Director's Dinner (7:00 PM onwards)</b>				

**April 29, 2026 (Wednesday)**

9:30 AM - 10:30 AM		Umesh C. Dumka	Aerosol Instrumentation	Mukesh
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**Tea/Coffee Break (10:30 AM - 11:00 AM)**

11:00 AM - 12:00 PM		Vikrant	Satellite Retrievals and open data or Transport Modelling in the Atmosphere	Jincen
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12:00 PM - 13:00 PM		Virendra Yadav	Taking Astronomy to General Public	Jincen
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**Lunch Break (1:00 PM - 2:00 PM)**

2:00 PM - 3:30 PM	Project Work	Project Guides		
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**Tea/Coffee Break (3:30 PM - 4:00 PM)**

4:00 PM - 5:30 PM	Project Work	Project Guides		
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**April 30, 2026 (Thursday)**

9:30 AM - 10:30 AM			Project presentations	Diyanshu
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**Tea/Coffee Break (10:30 AM - 11:00 AM)**

11:00 AM-13:00 PM			Project Presentations	Dhruv
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**Lunch Break (1:00 PM - 2:00 PM)**

2:00 PM - 3:00 PM			<i>Valedictory</i> & Concluding Remarks/Feedback	Mahadev
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3:00 PM - 4:00 PM			Interaction with RSs and PDFs	Mahadev
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