

**ARIES-IASTA School on Aerosol Modelling (AI-SAM-2026)**

**Programme Schedule**

**April 06, 2026 (Monday)**

Time	Resource Person	Title	Session Chair
8:30 – 9:15	<b>Registration</b>		
09:15 – 09:20	Lighting a Lamp		Dr. Priyanka Srivastava
09:20 – 09:35	Welcome Address by the Director ARIES (Dr. Manish Naja)		
09:35 – 09:45	Address by Secretary IASTA Dr Manish Joshi		
09:45 – 10:05	Address by Chief Guest: Prof. Y. S. Mayya		
10:05 – 10:10	Vote of Thanks Dr. U. C. Dumka		
<b>High Tea/Coffee Break (10:10 – 10:45) and Group Photograph</b>			

Time	Resource Person	Title	Session Chair
10:45 – 11:30	Prof. Y S Mayya	An overview of Modeling the evolution of Aerosol Size distributions	Dr. U C Dumka
11:30 – 13:00	Dr. Manish Joshi	Foundation of Aerosol Mechanics	
13:00-13:15	Interaction with Resource Person		
<b>Lunch Break (13:15 – 14:00)</b>			
14:00 – 15:00	Dr. S. Anand	Aerosol dynamic equation	Dr. U C Dumka
15:00 - 16:00	Prof. Y. S. Mayya	Aerosol charging	
<b>Tea/Coffee Break (16:00 -16:15)</b>			
16:15 – 18:30	Prof. Y. S Mayya, Dr. S. Anand & Dr. Manish Joshi	Tutorials and Demonstrations/Hands-on Training	
18:30 – 19:30		Visit to the 104 cm Sampurnanand Telescope and Star Gazing	Visit

**April 07, 2026 (Tuesday)**

Time	Resource Person	Title	Session Chair
9:30 – 11:00	Prof. Y. S. Mayya	Theoretical foundations of aerosol instrumentation	Dr. Narendra Singh
<b>Tea/Coffee Break (11:00 -11:15)</b>			
11:15 – 13:00	Dr. S. Anand	Aerosol coagulation: Concepts and models	Dr. Narendra Singh
13:00 – 13:15	Interaction with Resource Person		
<b>Lunch Break (13:15 – 14:00)</b>			
14:00 – 15:15	Prof. Dilip Ganguly	Chemistry-Climate Model and Radiation Processes in Climate Model	Dr. Narendra Singh
<b>Tea/Coffee Break (15:15 -15:30)</b>			
15:30 – 16:30	Prof. Y. S. Mayya	<b>ARIES: Colloquium Lecture: “Small Particles, Big Impact”: A Historical Perspective on the Global Relevance of Aerosols</b>	Dr. U C Dumka
16:30 – 18:00	Prof. Y. S. Mayya, Prof. Dilip Ganguly & Dr. S Anand	Tutorials and Demonstrations / Hands-on Training	
18:00 – 20:30 (Special Dinner)			

**April 08, 2026 (Wednesday)**

Time	Resource Person	Title	Session Chair
9:30 – 11:00	Prof. Dilip Ganguly	Chemistry-Climate Model and Radiation Processes in Climate Model	Dr. Narendra Singh
<b>Tea/Coffee Break (11:00 -11:15)</b>			
11:15 – 13:00	Prof. Dilip Ganguly	Chemistry-Climate Model and Radiation Processes in Climate Model	Dr. Narendra Singh
13:00-13:15	Interaction with Resource Person		
<b>Lunch Break (13:15– 14:00)</b>			
14:00 – 15:30	Prof. Ujjawal Kumar/Prof. Dilip Ganguly	Tutorials and Demonstrations /Hands-on Training	
<b>Tea/Coffee Break (15:30 -15:45)</b>			
15:45 – 18:00	Prof. Ujjawal Kumar/Prof. Dilip Ganguly.....	Tutorials and Demonstrations/Hands-on Training	
18:00 – 19:30		Visit to the Atmospheric Science Lab and the ST Radar	Visit

**April 09, 2026 (Thursday)**

Time	Resource Person	Title	Session Chair
9:30 – 11:00	Prof. Ujjawal Kumar	Chemical Transport Models (CTMs) simulations & Its Application in air quality assessment & forecasting	Dr. Priyanka Srivastava
<b>Tea/Coffee Break (11:00 -11:15)</b>			
11:15 – 13:00	Dr. Ujjawal Kumar	Chemical Transport Models (CTMs) simulations & Its Application in air quality assessment & forecasting	Dr. Priyanka Srivastava
13:00-13:15	Interaction with Resource Person		
<b>Lunch Break (13:15 – 14:00)</b>			
14:00 – 15:30	Dr. Ujjawal Kumar	Tutorials and Demonstrations/Hands-on Training	
<b>Tea/Coffee Break (15:30 -15:45)</b>			
15:45 – 18:30	Prof. Ujjawal Kumar	Tutorials and Demonstrations/Hands-on Training	

**April 10, 2026 (Friday)**

Time	Resource Person	Title	Session Chair
9:30 – 11:00	Prof. Ujjawal Kumar	Chemical Transport Models (CTMs) simulations & Its Application in air quality assessment & forecasting	Dr. U. C. Dumka
<b>Tea/Coffee Break (11:00 -11:15)</b>			
11:15 – 13:00	Dr. Yogesh Kant	Aerosol Light Scattering, Satellite-based monitoring of Aerosol Particulate Matter & impact on Environment	Dr. U. C. Dumka
13:00-13:15	Interaction with Resource Person		
<b>Lunch Break (13:00 – 14:00)</b>			
14:00 – 16:30	Prof. Ujjawal Kumar and Dr. Yogesh Kant	Tutorials and Demonstrations/Hands-on Training	
<b>Tea/Coffee Break (16:30 -16:45)</b>			
16:45 – 17:30	Concluding Remarks/Validatory session		
<b>April 11, 2026 (Saturday)</b>			
<b>Devesthal Visit (9:00 AM)</b>			