



Time Schedule for Pre-Workshop Tutorial

16 Nov 2024: Reporting Time at SAC New Bopal Campus is 1500 Hrs to 1830 hrs (For Gate Pass and Biometry)
(Participants Reaching Ahmedabad on 16 Nov 2024)

17 Nov 2024: Reporting Time at SAC New Bopal Campus is 0800 Hrs to 0900 Hrs (For Gate Pass and Biometry)
(Participants Reaching Ahmedabad on late night of 16 Nov 2024 and early morning of 17 Nov 2024)

17 Nov 2024: Registration of Tutorial Participants at SAC Bopal Technical (old) Campus at 0900 Hrs to 0920 Hrs

17 Nov 2024: Start of Tutorial at Bopal Technical (old) Campus is 0930 Hrs

18 Nov 2024: Start of Tutorial at Bopal Technical (old) Campus is 0930 Hrs



Schedule of Pre-workshop tutorial of Thermal EO International Science Workshop at SAC, ISRO, Ahmedabad

Venue: SAC Bopal Technical Campus; Lectures – CSSTEAP class room /Auditorium, Lab sessions – Room no. 6227/6013/6061

Date	0930 to 1030hrs	1100-1300 hrs	1400 - 1730 hrs
17-11-2024 (Sunday)	<p>0930-1000 hrs : Introduction of Participants & Faculties</p> <p>Lecture:</p> <p>1000 – 1030 hrs : Principles of Thermal Remote Sensing</p> <p>Dr. Mehul R. Pandya, SAC, ISRO, India</p>	<p>Lecture</p> <p>1100-1130 hrs: Principles of Cal – Val (lecture) – Dr Shantisree B., NRSC, India</p> <p>Lab session: 1130 hrs (onwards)</p> <p>Group - 1 Retrieval modelling theory for LST/SST (brief lecture) 1130-1215 hrs: Ashwin Gujrati, SAC, ISRO, India – LST& emissivity 1215-1300 hrs: Dr Rishi Gangwar, SAC, ISRO, India - SST</p> <p>Group – 2 Thermal Radiative Transfer Modelling</p> <p>DART Model Dr Jean-Philippe Gastellu, CESBIO, France assisted by Dr. Gaurav Jain, SAC, Ahmedabad, India /</p> <p>Group - 3 : Surface Energy Balance & Evapotranspiration models - Overview (Lecture)</p> <p>Dr. Eswar Rajasekaran Assistant Professor, IIT-B, India</p>	<p>Lab session:</p> <p>Group-1: Retrieval model demo & hands-on</p> <p>1400 – 1530hrs : Land Surface Temperature & surface emissivity Ashwin Gujrati, SAC, ISRO, India</p> <p>1600 - 1730 hrs: Sea Surface Temperature Dr Rishi Gangwar, SAC, India</p> <p>Group - 2 Thermal Radiative Transfer Modelling</p> <p>DART Model (contd.) Dr Jean-Philippe Gastellu, CESBIO, France assisted by Dr. Gaurav Jain, SAC, Ahmedabad, India /</p> <p>Group – 3 : Surface Energy Balance & Evapotranspiration model - hands-on</p> <p>- Contextual models (EVASPA) Dr. Albert Olioso, INRAE, France Assisted by Dr. Athira K V, IISC</p>

18-11-2024 (Monday)	Lecture/Lab session: <u>Group - 1:</u> SCOPE Model Thermal Radiative Transfer Modelling & directionality, hands-on Dr Jean-Louis Roujean, CESBIO, France Assisted by Dr Nikhil Lele & Ujjwal Gupta, SAC <u>Group - 2:</u> Thermal Radiative Transfer Modelling, hands-on : DART Model (Contd.) Dr Jean-Philippe Gastellu, CESBIO, France Assisted by Dr Gaurav Jain, SAC, ISRO, India <u>Group - 3:</u> Surface Energy Balance & Evapotranspiration model, hands-on - STIC model Dr. Kaniska Mallick, LIST, Luxemburg Assisted by Ayan Das, SAC, India	Lab session: <u>Group - 1:</u> SCOPE Model (Contd.) Thermal Radiative Transfer Modelling & directionality, hands-on Dr Jean-Louis Roujean, CESBIO, France Assisted by Dr Nikhil Lele & Ujjwal Gupta, SAC <u>Group - 2</u> Thermal Radiative Transfer Modelling, hands-on : DART Model (Contd.) Dr Jean-Philippe Gastellu, CESBIO, France Assisted by Dr. Gaurav Jain, SAC, Ahmedabad, India <u>Group - 3:</u> Surface Energy Balance & Evapotranspiration model, hands-on - STIC model Dr. Kaniska Mallick, LIST, Luxemburg Assisted by Ayan Das, SAC, India	Lab session: <u>Group - 1:</u> SCOPE Model (Contd.) Thermal Radiative Transfer Modelling & directionality, hands-on Dr Jean-Louis Roujean, CESBIO, France Assisted by Dr Nikhil Lele & Ujjwal Gupta, SAC <u>Group - 2</u> Thermal Radiative Transfer Modelling, hands-on : DART Model (Contd.) Dr Jean-Philippe Gastellu, CESBIO, France Assisted by Dr. Gaurav Jain, SAC, Ahmedabad, India <u>Group 3:</u> Surface Energy Balance & Evapotranspiration model , hands-on - SPARSE Model Dr. Gilles Bullet, CESBIO, France Assisted by Dr. Athira K V, IISc India
	Lunch break 1300-1400hrs		