



# Summer Training School on Planetary Sciences & Exploration

Physical Research Laboratory, Ahmedabad  
01 May 2019 - 30 June 2019

ISRO launched the highly successful Chandrayaan-1 mission to Moon in 2008 and Mars Orbiter Mission to Mars in 2013. ISRO is going to launch Chandrayaan-2 this year and is planning for missions to Venus and Mars in coming years. Scientists at the Physical Research Laboratory (PRL) are developing payloads (scientific experiments) for flying on board these missions for studying atmospheric, surface, and interplanetary processes.

These planetary missions will provide copious data on important scientific questions in planetary sciences. For effective utilization and modeling of this data, a Planetary Data and Modeling Centre (PDMC) is being established at Thaltej campus of PRL.

As a part of the PDMC, we are organizing a Summer Training School to introduce the participants to techniques of planetary science data retrieval, analysis, its modeling and instrument development for planetary missions. Following topics would be covered in this school:

1. Planetary Atmospheres Modeling & Simulation
2. Design and Development of Instruments for Planetary Missions
3. Remote Sensing Analysis of Planetary Bodies



Ph.D students, PDFs, young teachers, M. Sc. (Physics/ Geology/ Geophysics/ Space Science/ Atmospheric Science and allied fields) final year students may apply with their detailed CV and a one page statement of purpose, to the contact below. Selected participants will be provided II AC train fare, accommodation and fellowship of Rs. 15000 p/m for local and food expenses.

**Last date for receipt of applications: April 22, 2019**

Contact: Prof. Varun Sheel, Course Director, Planetary Science Division,  
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**Organizing Committee:** Anil Bhardwaj, S.A. Haider, Debabrata Banerjee,  
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