

## Early Career Scientist Award Recipients

### Post-Doctoral Fellows:

- 1) **Ritesh Patel**, *ARIES, Nainital*  
Paper Title: Characterizing Spectral Channels of Visible Emission Line Coronagraph of Aditya-L1
- 2) **Sneha Arunkumar Gokani**, *Space Physics Laboratory, Vikram Sarabhai Space Centre, Trivandrum*  
Paper Title: What Fraction of the Outer Radiation Belt Relativistic Electron Flux at  $L \approx 3-4.5$  Was Lost to the Atmosphere During the Dropout Event of the St. Patrick's Day Storm of 2015?

### Research students:

- 3) **Arghyadeep Paul**, *Indian Institute of Technology, Indore*  
Paper Title: Magnetic Reconnection and Particle Acceleration in High Lundquist Number Systems
- 4) **Shanwlee Sow Mondal**, *Physical Research Laboratory, Ahmedabad*  
Paper Title: Understanding the Particle Acceleration in ICME shocks
- 5) **Hemapriya Raju**, *Indian Institute of Technology, Indore*  
Paper Title: Exhaustive Machine Learning analysis on CMEs associated with flares and filaments
- 6) **Yogesh**, *Physical Research Laboratory, Ahmedabad*  
Paper Title: Investigation on variation in solar wind Helium abundance during the last four solar cycles
- 7) **Devojjoti Kansabanik**, *National Centre for Radio Astrophysics, TIFR, Pune*  
Paper Title: Recent developments in space weather research with high fidelity low-frequency spectro-polarimetric imaging using SKA-low precursor