



Mr. Mahender Aroori
M Sc. Ph.D. (Pursuing)
Assistant Professor (contract)
Email: mahenderastro@gmail.com

After completing my M.Sc. in Astronomy, joined as an Assistant Professor (c) in the Department of Astronomy in 2012. The field of specialization is **Solar Physics** and **Solar Radio Astronomy**, especially about the solar radio emission from the sun's atmosphere. Studying time series analysis of solar radio emission at different frequencies to compare with that of daily sunspot number (SSN) during different solar cycles, the studying frequencies range covers the solar atmosphere from the photosphere to the corona. And also studied low-frequency (45-410 MHz) type-III solar radio bursts observed using the e-Compound Astronomical Low-Cost Low-Frequency Instrument for Spectroscopy and Transportable Observatory (**e-CALLISTO**) spectrometer located at different locations throughout the globe. Actively participated in various international and national symposiums and presented papers in International Astronomical Union Symposium (IAU) N0.335 at University of Exeter, United Kingdom, and IAUS340 at Jaipur, India. Currently doing collaborative research work with scientists of Indian Institute of Astrophysics (IIA) Bengaluru, Aryabhata Research Institute of Observational Sciences (ARIES), Nainital, and Uttarakhand and Nagoya University, Institute for Space-Earth Environmental Research (ISEE), Division for Heliospheric Research, Japan.