

**ASI 2024 – List of Selected Abstracts – Thesis**

<b>Name</b>	<b>Conference ID</b>	<b>Affiliation</b>	<b>Title</b>	<b>Abstract Type by SOC</b>
Akash Garg	ASI2024_168	Inter-University Centre for Astronomy and Astrophysics (IUCAA)	Probing energy dependent timing behavior of the X-ray binaries	Oral
Prasad R	ASI2024_197	International Centre for Theoretical Sciences (ICTS-TIFR), Bangalore	Phase transition in neutron stars and its multimessenger signals	Oral
Partha Pratim Goswami	ASI2024_157	Aryabhata Research Institute of Observational Sciences	Chemical abundances of metal-poor stars as probes of neutron capture nucleosynthesis	Oral
Hirdesh Kumar	ASI2024_484	Udaipur Solar Observatory, Physical Research Laboratory	Study of the Evolution of Velocity and Magnetic Fields in the Solar Atmosphere	Oral
Meera NANDAKUMAR	ASI2024_30	Indian Institute of Science, Bangalore	Understanding the Structure and Dynamics of the Interstellar Medium in Nearby Spiral Galaxies	Oral
Balveer Singh	ASI2024_436	Aryabhata Research Institute of Observational Sciences (ARIES), Nainital	Study of Cool Jets and Evolution of Kelvin-Helmholtz Instability in the Solar Atmosphere	Oral
Soumyaranjan Dash	ASI2024_695	Indian Institute of Science Education and Research, Kolkata India	Modeling the evolution of solar coronal magnetic fields and its impact on heliosphere	Oral
Abhijit Kayal	ASI2024_215	Physical Research Laboratory, Ahmedabad	Unveiling a new population of obscured Active Galactic Nuclei in deep field surveys	Oral
Sanna Gulati	ASI2024_222	National Centre for Radio Astrophysics -Tata Institute of Fundamental Research	Studies on high energy emission process in misaligned active galaxies	Oral
Deepak .	ASI2024_131	Aryabhata Research Institute of Observational Sciences	Chemodynamic studies of the Galaxy	Oral
Divya Pandey	ASI2024_345	ARIES Nainital	Probing the star-formation activities of galaxies residing in void and filaments using AstroSat	Oral
Prateek Gupta	ASI2024_825	Thüringer Landessternwarte Tautenburg	Modelling Non-thermal Radio Emission from Galaxy Clusters and where they meet Filaments and Voids	Oral
Vishal Upendran	ASI2024_51	Bay Area Environmental Research Institute	Heating and dynamics of the solar atmosphere	Oral
Abhay Kumar	ASI2024_60	Physical Research Laboratory	Hard X-ray spectro-polarimetric study of black hole binary Cygnus X-1 and related instrumentation	Oral
Harsh Kumar	ASI2024_102	Indian Institute of Technology Bombay	Studying GRB afterglows and the electromagnetic counterparts of gravitational waves with the GROWTH-India Telescope	Oral
Aravind K	ASI2024_228	Physical Research Laboratory, Ahmedabad	Observational analysis of cometary bodies in the Solar system	Oral

Silpa Sasikumar	ASI2024_426	National Centre for Radio Astrophysics - Tata Institute of Fundamental Research (India), Universidad de Concepción (Chile)	Understanding radio outflows in radio-quiet quasars	Oral
Neeraj Kumari	ASI2024_614	Physical Research Laboratory Ahmedabad	Multi-wavelength studies of Active Galactic Nuclei (AGNs)	Oral