

IUCAA, Pune

VSP 2024-25: List of Selected Candidates

Sr. No.	Project Title	Name of PI at IUCAA	Name of Selected Candidate	Application Number
1.	Automatization of the laser frequency drift correction	Subhadeep De	Jay Rajesh Mestry	4062
2.	Opto-mechanical designing of an extended cavity diode laser system	Subhadeep De	Vikram Bhimrao Vyavahare	3745
3.	Mechanical design for a compact rack-mount Photon Reference System	Subhadeep De	Venu Satish Jangam	3807
4.	Dancing trapped ions	Subhadeep De	Kanishga Balaraman	4252
5.	Packaging of the microwave frequency generator	Subhadeep De	Sumit Ghosh	3782
6.	Probing peculiarity of RR Lyrae variable stars in the metal-rich globular clusters	Anupam Bhardwaj	Manasvi Sharma	3754
7.	Mapping the distance scale to nearby dwarf spheroidal galaxies	Anupam Bhardwaj	Tanishka Shailesh Agiwal	4211
8.	Study of sensitivity of gravitational lensing properties to the cosmological and astrophysical parameters	Anupreeta More	Kunj Panchal	3776
9.	Impact of microlensing on the detection of strongly lensed gravitational wave events	Anupreeta More	Sree Suswara V	4010
10.	Developing tools for analysing eccentric binary black holes	Apratim Ganguly	Nishron W	4125
11.	Constraining Proca stars using gravitational-wave data	Apratim Ganguly	Surajit Ghosh	3933
12.	Cosmological inference from cosmological simulations	Aseem Paranjape	Kaustubh Jha	4079
13.	Configuration design of compact mode cleaner cavities for future terrestrial gravitational wave detectors	Manasadevi P. T.	Anagha R	3908
14.	Metal-enriched gas around galaxies	Rajeshwari Dutta	Gitanjali Erassery Rajulal	3903
15.	Unraveling the Central Engine of DRAGNs	Vaidehi S. Paliya	Drishty Bharat Jadia	4087
16.	Improving OSEM sensitivity through a double demodulation scheme	Suresh Doravari	Suraj Verma	4152
17.	Development of a Differential OSEM for seismic sensors	Suresh Doravari	Mahadev Anandrao Kashid	4063