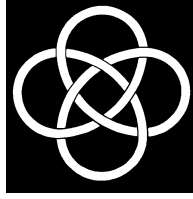


IUCAA



INTER-UNIVERSITY CENTRE FOR ASTRONOMY AND ASTROPHYSICS
(An Autonomous Institution of the University Grants Commission)

RESEARCH PROFILE OF ACADEMICS As on December 16, 2011

| No. | Name of the Academic Member, Position, E-mail (id given in brackets should be followed by @iucaa.ernet.in) address, and the Area of Research |
|-----|--|
| 1. | Professor Ajit K. Kembhavi , Director (akk) Quasars, Elliptical Galaxies, Virtual Observatory, and Simulations. |
| 2. | Professor Joydeep Bagchi , Associate Professor (Scientist F) (joydeep) Radio Astronomy, X-ray Studies of Galaxy Clusters, and High Energy Radiative Processes. |
| 3. | Professor Dipankar Bhattacharya , Professor (Scientist H) (dipankar) High Energy Astrophysics, Neutron Stars, Gamma Ray Bursts, and X-ray Astronomy. |
| 4. | Professor Naresh K. Dadhich , Emeritus Professor (nkd) Classical General Relativity, and Relativistic Astrophysics. |
| 5. | Professor Gulab Chand Dewangan , Assistant Professor (Scientist E) (gulabd) X-ray Astronomy, AGNs, ULXs, X-ray Binaries, Multi-wavelength Astronomy. |
| 6. | Professor Ranjan Gupta , Professor (Scientist G) (rag) Astronomical Instrumentation, Stellar Spectroscopy, and Artificial Neural Networks. |
| 7. | Professor Ranjeev Misra , Associate Professor (Scientist F) (rmisra) Blackhole and Neutron Star Binaries, AGN and Quasars, High Energy Radiative Processes, and X-ray Data Analysis. |
| 8. | Professor Sanjit Mitra , Assistant Professor (Scientist E) (sanjit) Gravitational Waves, Cosmology and Cosmic Microwave Background. |
| 9. | Professor Jayant V. Narlikar , Emeritus Professor (jvn) Physical Cosmology, Quantum Cosmology, Extragalactic Astrophysics, and Gravitation. |
| 10. | Professor T. Padmanabhan , Dean, Core Academic Programmes, Distinguished Professor (Scientist I) (paddy) Quantum Gravity, QFT in Curved Spacetime, Cosmology, Structure Formation in the Universe, and Statistical Mechanics of Gravitating Systems. |
| 11. | Professor A.N. Ramaprakash , Professor (Scientist G) (anr) Astronomical Instrumentation, and Observations. |
| 12. | Professor Swara Ravindranath , Assistant Professor (Scientist E) (swara) Extragalactic Astronomy, Morphological Evolution of Galaxies over Cosmic Time, Co-evolution of Galaxy Bulges and Super-massive Blackholes, and Properties of Super Star Clusters in Starbursts. |
| 13. | Professor Varun Sahni , Professor (Scientist H) (varun) Cosmology, Early Universe, Inflation, QFT in Curved Spacetime, Formation of Large Scale Structure, and CMB. |

| No. | Name of the Academic Member, Position, E-mail (id given in brackets should be followed by @iucaa.ernet.in) address, and the Area of Research |
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| 14. | Professor Tarun Souradeep , Professor (Scientist G) (tarun) Cosmology, Structure Formation in the Universe, CMB, Early Universe, and Applications of QFT in Curved Spacetimes. |
| 15. | Professor R. Srianand , Professor (Scientist G) (anand) QSO, Absorption Lines, Intergalactic Medium, and Cosmology. |
| 16. | Professor Kandaswamy Subramanian , Professor (Scientist H) (kandu) Gravitational Lensing, Origin of Cosmic Magnetic Field, Cosmology, Structure Formation, and Early Universe. |
| 17. | Professor Shyam N. Tandon , Emeritus Professor (sntandon) Cosmic Ray Physics, Infrared and Far Infrared Astronomy, Astronomical Observations using Balloon Borne Flat Forms, Astronomical Instrumentation, and Weak Forces in Nature. |
| 18. | Professor Durgesh Tripathi , Assistant Professor (Scientist E) (durgesh) Physics of Solar Atmosphere, Solar Eruptions and Associated Phenomena, Solar Terrestrial Relations, Spectroscopy, Solar Magneto-hydrodynamics. |
| 19. | Dr. Rizwan Ul Haq Ansari , Project Scientist (rizwan) Cosmological Perturbation Theory, Dark Energy, and Braneworld Cosmology. |
| 20. | Dr. Bhaswati Bhattacharyya , Post-doctoral Fellow (bhaswati) Pulsars: Search, Single Pulse Study, Polarization, etc. |
| 21. | Dr. Debbijoy Bhattacharya , Post-doctoral Fellow (debbijoy) AGN studies, etc. |
| 22. | Mr. Bibhas Ranjan Majhi , Post-doctoral Fellow (Bibhas) Black holes, Gravity, etc. |
| 23. | Dr. Surajit Paul , Post-doctoral Fellow (surajit) Cosmological Structure Formation, Computational Astrophysics, Modeling Shocks, and Turbulence in Intra Cluster Medium. |
| 24. | Dr. Jayanti Prasad , Post-doctoral Fellow (jayanti) |
| 25. | Dr. Prakash Sarkar , Post-doctoral Fellow (sarkar) Galaxy redshift analysis, Cosmic web, Galaxy distribution in SDSS, etc. |
| 26. | Dr. Puthiyaveetil Shalima , Post-doctoral Fellow (shalima) Dust composition, Improving the models, etc. |
| 27. | Dr. Sanil Unnikrishnan , Post-doctoral Fellow (sanil) Cosmological Perturbations Theory, Dark Energy, and Cosmic Microwave Background Radiation. |
| 28. | Ms. Moumita Aich , Research Scholar (Project) (moumita) Cosmology: CMB Anisotropy and Polarization. |
| 29. | Mr. Anirban Ain, Research Scholar (First Year) (ainz) |
| 30. | Ms. Maryam Arabsalmani , Research Scholar (maryam) Evolution of the Universe and Gamma Ray Burst. |
| 31. | Ms. Pallavi Bhat , Research Scholar (palvi) Cosmic Magnetic Fields and Turbulent Dynamoes. |
| 32. | Mr. Hadi Rahmani Bayegi , Research Scholar (hadi) Physics of Intergalactic Medium and Variation of Fundamental Constants of Physics. |
| 33. | Mr. Luke Chamandy , Research Scholar (luke) Magnetic Fields, Numerical Simulations. |
| 34. | Mr. Sabyasachi Chattopadhyay , Research Scholar (First Year) (sabyasachi) |
| 35. | Mr. Santanu Das , Research Scholar (santanud) Cosmology and Gravitation. |
| 36. | Mr. Tuhin Ghosh , Research Scholar (tuhin) Observational Cosmology, and CMB. |

| No. | Name of the Academic Member, Position, E-mail (id given in brackets should be followed by @iucaa.ernet.in) address, and the Area of Research |
|-----|--|
| 37. | Mr. Gaurav Goswami , Research Scholar (gaurav) Early Universe and Cosmological Perturbation Theory. |
| 38. | Mr. Charles Jose , Research Scholar (charles) Cosmology, Structure formation in the Universe. |
| 39. | Mr. Vikram Khaire , Research Scholar (vikramk) |
| 40. | Mr. Sanved Vinod Kolekar , Research Scholar (sanved) Gravitation, and Cosmology. |
| 41. | Mr. Nagendra Kumar , Research Scholar (nagendrak) |
| 42. | Mr. Sandeep Kumar , Research Scholar (skumar) Accreting X-ray Systems, Monte Carlo Simulation, Observational Aspects of Cyclotron Absorption Line Features in Accreting Neutron. |
| 43. | Mr. Sibasish Laha , Research Scholar (laha) Studies of Warm Absorbers in Active Galaxies. |
| 44. | Mr. Dipanjan Mukherjee , Research Scholar (dipanjan) MHD of Accretion Flows on Neutron Stars, and Numerical Simulations. |
| 45. | Mr. Suvodip Mukherjee , Research Scholar (First Year) (suvodip) |
| 46. | Mr. Sowgat Muzahid , Research Scholar (sowgat) Probing the Universe Using Quasar Absorption Spectroscopy. |
| 47. | Mr. Main Pal , Research Scholar (mainpal) |
| 48. | Mr. Krishna Mohan Parattu , Research Scholar (krishna) Gravitation. |
| 49. | Mr. Aditya Rotti , Research Scholar (aditya) Cosmology with Cosmic Microwave Background Radiation. |
| 50. | Mr. Suprit Singh , Research Scholars (suprit) Quantum Gravity/Quantum field theory in curved spacetime |
| 51. | Mr. Kaustubh Vaghmare , Research Scholar (kaustubh) Galaxies – Surface Photometry and Spectroscopy, Structure and Evolution of Lenticular Galaxies. |