

**INSTITUTE PROFILE:**  
**The Inter University Centre for Astronomy and Astrophysics (IUCAA)**  
Website: <http://www.iucaa.in/>



IUCAA is a premier centre of excellence dedicated to astronomy and astrophysics research in India. It is an autonomous institution serving as a bridge between universities, promoting astrophysics research and drawing out the best talent from across the country, thereby also promoting Indian research to the world.

*History and Current Staff:*

IUCAA was founded in 1988 and is funded by the **University Grants Commission (UGC)** in India. It is part of **Pune University** in the state of Maharashtra. At present, the Institute has 17 permanent faculty members, 21 postdoctoral fellows and 35 PhD students.

*Core philosophy of academic exchange*

Given its status as a confluence point for astronomy research in India, **academic exchanges** are built in to its core programmes. IUCAA has a vibrant visitor programme with more than 600 academic visitors per year. The institute organizes around eight meetings/workshops every year on its own campus, including international conferences. In addition, it also serves as organizer of conferences in universities across India.

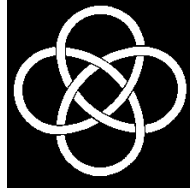
*Research Stake*

IUCAA is involved in every large astrophysics project that India has a stake in. These include major global initiatives such as the gravitational wave observatory LIGO-India, the multiwavelength space mission **AstroSat**, the Southern African Large Telescope (**SALT**), the next generation Thirty Metre Telescope (**TMT**), and the LIGO-India (**IndIGO**). IUCAA runs its own High Performance Computing facility, with multiple 2000-cores machines and a combined raw peak computing power of about 150 TeraFlops. IUCAA has a 5-year research cycle budget allocation of about 170 crore rupees (20 million GBP).

*Recent Distinctions*

IUCAA featured as a **Rising Star in Nature Index 2016**, and several of the senior faculty are recipients of the highest civilian awards in India. For instance, Prof. Jayant Narlikar has received the Padma-Vibhushan, Prof. Padmanabhan has been awarded the Padmashri, and IUCAA has also hosted several Bhatnagar awardees (the highest Science award for those younger than 45 years).

IUCAA



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

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**EXTERNAL ASSOCIATES (Current List)**

Last updated on August 1, 2017

Total No. 156

| No. | Name and Address  | Phone, Fax, and E-mail   | Research Interests  |
|-----|---|--|---|
| 1.  | <b>Professor Dharam Vir Ahluwalia</b><br>Department of Physics<br>IIT Guwahati<br>North Guwahati - 781039<br>Assam  | Phone : 9717594829 (M)<br>Fax :<br>E-mail : d.v.ahluwalia@iitg.ac.in   | Mass dimension one fermions, dark matter, interface of the quantum and gravitational realms, neutrino oscillations, gravitationally-induced phases. |
| 2.  | <b>Prof. Farooq Ahmad</b><br>Professor and Coordinator<br>Department of Physics,<br>Central University of Kashmir<br>Sonwarx Campus<br>Srinagar- 190 004  | Phone (0194) 2315296 (O)<br>(0194) 2300737 ( R)<br>919419071977 (M)<br>E-mail : farphy@kashmiruniversity.ac.in   | Cosmology and Gravitational Galaxy Clustering.  |
| 3.  | <b>Dr. Gazi Ameen Ahmed</b><br>Department of Physics<br>Tezpur University<br>Napaam, Tezpur -784 028<br>Assam   | Phone : (03712) 275556 (O)<br>9435014377 (M)<br>Fax : (03712) 267006<br>E-mail : gazi@tezu.ernet.in,<br>gaziaahmed@yahoo.com   | Development of light scattering theories, Development of experimental setups using laser based instrumentation.                                     |
| 4.  | <b>Dr. Sk. Saiyad Ali</b><br>Department of Physics<br>Jadavpur University<br>Kolkata -700 032   | Phone : 9733504473 (M)<br>E-mail : saiyyad@phys.jdvu.ac.in   | Astrophysics, Large Scale Structure, Probing the Universe using 21 cm HI Observations.  |
| 5.  | <b>Dr. G. Ambika</b><br>Department of Physics<br>Indian Institute of Science Education and Research (IISER)<br>Ist Floor, Central Tower<br>Sai Trinity Building<br>Garware Circle, Sutarwadi<br>Pashan, Pune -411 021 Maharashtra | Phone : (020) 25881725, Extn. 8037 (O)<br>(020) 25908037 (O)<br>9890463122 (M)<br>Fax : (020) 25899790<br>E-mail : ambika@associates.iucaa.in,<br>g.ambika@iiserpune.ac.in | Nonlinear Dynamics and Chaos.   |

| No. | Name and Address  | Phone, Fax, and E-mail   | Research Interests   |
|-----|---|--|--|
| 6.  | <b>Dr. Rizwan Ul Haq Ansari</b><br>Department of Physics<br>School of Sciences Education and Training Building<br>Maulana Azad National Urdu University, Gachibowli<br>Hyderabad -500 032<br>Telangana  | Phone : (040) 23008323 (O) 23536000 (R)<br>9490315023 (M)<br>E-mail : rizwanans@gmail.com  | Cosmology, Early Universe and Inflation, Cosmological Perturbation theory, Study of perturbations in dark energy, Braneworld Cosmology, late time acceleration of the universe.  |
| 7.  | <b>Prof. Bijan Kumar Bagchi</b><br>Department of Applied Mathematics<br>University of Calcutta<br>92, Acharya Prafulla Chandra Road,<br>Kolkatta - 700 009,<br>West Bengal  | Phone : (033) 23508386/1397, Extn. 450/451 (O)<br>(033) 23555601, 65452188<br>9874744141 (M)<br>Fax : (033) 23519755, 22413222<br>E-mail : bbagchi123@rediffmail.com | Gravity and Entropy from non-Hermitian perspective.  |
| 8.  | <b>Dr. Tanwi Bandyopadhyay</b><br>Assistant Professor, Mathematics<br>Adani Institute of Infrastructure Engineering<br>Shantigram Township, Near SGVP Circle,<br>Sarkhej-Gandhinagar Highway, P.O. Adalaj<br>Ahmedabad - 382421<br>Gujarat                | Phone : (079) 25558798 (O)<br>9925967683 (M)<br>E-mail : tanwib@gmail.com  | Gravitation, Cosmology.  |
| 9.  | <b>Dr. Arunima Banerjee</b><br>Indian Institute of Science Education and Research (IISER) Tirupati<br>C/o Sree Rama Engineering College (Transit Campus)<br>Rami Reddy Nagar,<br>Karakambadi Road Mangalam (P.O.)<br>Tirupati - 517 507<br>Andhra Pradesh | Phone : (0877) 2500400 (O)<br>Fax :<br>E-mail : arunima.physics@gmail.com  | The development of a coherent theory of the formation and evolution of galaxies, based on observational surveys of galaxies throughout the universe as well as computer simulations of the key physical processes at play during galaxy formation, is one of the central goals of contemporary astrophysics. |
| 10. | <b>Dr. Shyamal Kumar Banerjee</b><br>Department of Mathematics<br>Centre for Engineering Studies<br>University of Petroleum and Energy Studies, Bidholi Campus<br>Dehradun 248 007, Uttaranchal   | Phone : 9760818302 (M)<br>Fax : (0120) 2432200<br>E-mail : skbanerjee@ddn.upes.ac.in, skb@associates.iucaa.in  | General Relativity, Cosmology.   |
| 11. | <b>Dr. Sarmistha Banik</b><br>Department of Physics<br>BITS Pilani, Hyderabad Campus<br>Hyderabad -500 078  | Phone : (040) 66303593 (O)<br>E-mail : sarmistha.b@gmail.com   | Nuclear Astrophysics, Neutron Stars, Supernova explosion, Gravitational Waves.   |

| No. | Name and Address  | Phone, Fax, and E-mail   | Research Interests  |
|-----|---|--|---|
| 12. | <b>Dr. Prasad Basu</b><br>Assistant Professor<br>Cotton College State University<br>College Hostel Road<br>Panbazar<br>Guwahati - 781 001<br>Assam          | Phone : (033) 25850641 (R )<br>8116819083 (M)<br>E-mail : prasadcsp@gmail.com  | Black hole accretion,<br>gravitational waves, etc.  |
| 13. | <b>Prof. Naseer Iqbal Bhat</b><br>P.G. Department of Physics<br>University of Kashmir, Hazratbal<br>Srinagar 190 006<br>Jammu and Kashmir                   | Phone : (0194) 2420078, Extn. 2184, 2185 (O)<br>9419079191 (M)<br>Fax : (0194) 2421357<br>E-mail : dr_bhat786@rediffmail.com,<br>iqbal@associates.iucaa.in | Observational<br>Astronomy, Binary<br>Stars, Variable Stars .   |
| 14. | <b>Dr. Debbijoy Bhattacharya</b><br>Assistant Professor<br>Manipal Centre for Natural Sciences<br>Manipal University<br>Manipal 576104 ,<br>Karnataka       | Phone : 92820 - 2923571 (O)<br>919886895185 (M)<br>Fax : (0820) 2570062<br>E-mail : debbijoy@gmail.com,<br>debbijoy.b@manipal.edu                          | General Relativity,<br>Astrophysics, Cosmic<br>Strings.   |
| 15. | <b>Dr. Ritabrata Biswas</b><br>Assistant Professor<br>Department of Mathematics<br>The University of Burdwan,<br>Golapbag, Burdwan,<br>West Bengal - 713104 | Phone : 9474341036 (R)<br>7407206393 (M)<br>E-mail : biswas.ritabrata@gmail.com  | Dark energy, Quantum<br>cosmology.  |
| 16. | <b>Dr. Debasish Borah</b><br>Assistant Professor<br>Department of Physics<br>Indian Institute of Technology<br>Guwahati<br>Assam - 781039                   | Phone : 7896705801 (M)<br>E-mail : debasish.phy19@gmail.com  | Neutrino masses,<br>leptonic mixing, lepton<br>flavor violation, dark<br>matter model building,<br>dark matter indirect<br>detection signatures,<br>connecting dark matter<br>with neutrino physics,<br>origin of matter<br>antimatter asymmetry. |
| 17. | <b>Dr. Koushik Chakraborty</b><br>Government Training College,<br>Chawkbazar, Chinsurah<br>P.O. + Dist. Hooghly<br>West Bengal- 712103                      | Phone : (033) 26802085 (O)<br>(033) 25520674 (R )<br>9874134091 (M)<br>E-mail : kchakraborty28@yahoo.com   | General Theory of<br>Relativity.  |
| 18. | <b>Prof. Subenoy Chakraborty</b><br>Department of Mathematics<br>Jadavpur University<br>Kolkata - 700 032   | Phone : (033) 24146717 (O)<br>(033) 26845638 (R)<br>9433356784 (M)<br>E-mail : subenoy@associates.iucaa.in,<br>subenoyc@yahoo.co.in,                       | Mathematical Physics,<br>Quantum Mechanics,<br>Relativity, Cosmology.   |
| 19. | <b>Dr. Nand Kumar Chakradhari</b><br>Pt. Ravishankar Shukla University,<br>Raipur - 492 010<br>Chattisgarh  | Phone : (0771) 2262864 (O)<br>Fax :<br>E-mail : nkchakradhari@gmail.com  | Supernovae, Chemically<br>Peculiar Stars, Variable<br>stars, Galaxies.  |

| No. | Name and Address  | Phone, Fax, and E-mail  | Research Interests  |
|-----|---|---|---|
| 20. | <b>Dr. Ramesh Chandra</b><br>Department of Physics<br>DSB Campus<br>Kumaun University<br>Nainital - 263 002<br>Uttarakhand  | Phone : (05942) 237450 (O)<br>(05942) 231497 (R)<br>Fax : (05942) 237450<br>E-mail : rchandra.ntl@gmail.com   | Multiwavelength study of Solar flares, Solar eruptive events.                     |
| 21. | <b>Prof. Suresh Chandra</b><br>Deputy Director and Professor<br>Amity Center for Astronomy & Astrophysics<br>Amity Institute of Applied Sciences<br>Amity University Campus, Sector - 125, Noida 201313, U.P. | Phone : 9818005663 (M)<br>E-mail : schandra2@amity.edu<br>sch@associates.iucaa.in,<br>suresh492000@yahoo.co.in  | Solar Physics, Interstellar Molecular Clouds.                                     |
| 22. | <b>Dr. Ayan Chatterjee</b><br>Department of Physics<br>Central University of Himachal Pradesh<br>Temporary Academic Block<br>Kangra - 176206<br>Himachal Pradesh  | Phone : (01892) 237285 (O) 9736863853(M)<br>Fax :<br>E-mail : ayan.theory@gmail.com   | Black hole physics.   |
| 23. | <b>Dr. Ritaban Chatterjee</b><br>Department of Physics<br>Presidency University<br>86/1 College Street<br>Kolkata- 700 073  | Phone :<br>E-mail : ritaban.physics@presiuniv.ac.in   | Structure and dynamics of accreting black hole systems.                           |
| 24. | <b>Dr. Suchetana Chatterjee</b><br>Department of Physics<br>Presidency University<br>86/1 College Street<br>Kolkata -700 073  | Phone : 9163003206 (M)<br>E-mail : suchetana.physics@presiuniv.ac.in<br>suchetana.chatterjee@gmail.com  | CMB, AGN, etc.  |
| 25. | <b>Dr. Asis Kumar Chattopadhyay</b><br>Department of Statistics<br>Calcutta University<br>35, Ballygunge, Circular Road<br>Kolkata - 700 019<br>West Bengal   | Phone : (033) 24614969/4981/5277/5445 (O)<br>(033) 25511850 (R)<br>9831985850 (M)<br>Fax : (033) 24764419<br>E-mail : akcstat@caluniv.ac.in,<br>asis_stat@yahoo.com,<br>akc@associates.iucaa.in | Star and Galaxy Formation, Analysis of Astronomical Data using Statistical Tools. |
| 26. | <b>Dr. Surajit Chattopadhyay</b><br>Associate Professor<br>Dept of Mathematics<br>Amity University, Kolkata<br>Major Arterial Road, Action Area II,<br>Rajarhat, New Town,<br>Kolkata,<br>West Bengal 700135  | Phone : (033) 71020304<br>9830736117/8240384649 (M)<br>E-mail : schattopadhyay1@kol.amity.edu<br>surajcha@associates.iucaa.in<br>surajitchatto@outlook.com                                      | Gravity, Thermodynamics, etc.   |
| 27. | <b>Dr. Tanuka Chattopadhyay</b><br>Department of Applied Mathematics<br>Calcutta University<br>92, A.P.C. Road<br>Kolkata - 700 009, West Bengal  | Phone : (033) 23508386, 23501397 (O)<br>(033) 25511850 (R)<br>9433648255 (M)<br>Fax : (033) 23519755, 22413222<br>E-mail : tanuka@associates.iucaa.in,<br>tanuka2008@gmail.com                  | Spiral Galaxies, Star Formation, Dark Matter.                                     |

| No. | Name and Address   | Phone, Fax, and E-mail   | Research Interests   |
|-----|--|--|--|
| 28. | <b>Dr. Raghavendra Chaubey</b><br>Assistant Professor<br>DST-Centre for Interdisciplinary<br>Mathematical Sciences<br>Faculty of Science<br>Banaras Hindu University<br>Varanasi- 221005           | Phone : (0542) 2369337 (O)<br>9919267475 (M)<br>E-mail : yahoo_raghav@rediffmail.com   |  |
| 29. | <b>Dr. Bhag Chand Chauhan</b><br>Department of Physics and<br>Astronomical Sciences<br>Central University of Himachal<br>Pradesh (CUHP)<br>Dharamshala, Dist. Kangra,<br>Himachal Pradesh- 176 215 | Phone : (01892) 237285 (O) 9418472694 (M)<br>E-mail : bcawake@gmail.com  | Neutrinos in A&A and<br>Cosmology.   |
| 30. | <b>Dr. Manojendu Choudhury</b><br>Assistant Professor<br>UM-DAE Centre For Excellence in<br>Basic Sciences Vidyanagari Campus,<br>Kalina,<br>Mumbai - 400098.                                      | Phone : (022) 26524983 (O) 9435176013 (M)<br>E-mail : manojendu@hbcse.tifr.res.in,<br>manojendu@gmail.com,<br>manojendu@cbs.ac.in  | X-ray data analysis and<br>phenomenological<br>modelling of the<br>accretion-ejection<br>phenomenon of the<br>Galactic X-ray binary<br>systems and other<br>related sources. |
| 31. | <b>Dr. Himadri Sekhar Das</b><br>Department of Physics<br>Assam University<br>Silchar - 788011<br>Assam  | Phone : (03842) 270843 (O) 9435176013 (M)<br>Fax : (03842) 270802, 270806<br>E-mail : hs_das@rediffmail.com,<br>himsekhar@indiatimes.com,<br>hsdas@associates.iucaa.in,<br>himsekhar13@yahoo.co.in | Polarization due to<br>Light Scattering,<br>Cometary,<br>Interplanetary and<br>Interstellar Dusts, etc.  |
| 32. | <b>Dr. Sudipta Das</b><br>Department of Physics<br>Visva-Bharati<br>Santiniketan - 731 235<br>West Bengal  | Phone : 9433203643 (M)<br>E-mail : sudipta@hri.res.in<br>sudipta.das.m@gmail.com<br>sudipta.das@visva-bharati.ac.in  | Cosmology and<br>Gravitation.  |
| 33. | <b>Dr. Dhurjati Prasad Datta</b><br>Department of Mathematics<br>University of North Bengal<br>P.O. North Bengal University<br>Raja Rammohunpur<br>Dist. Darjeeling<br>West Bengal -734 013        | Phone : (0353) 2776383 (O) 9434377365 (M)<br>Fax : (0353) 2776383<br>E-mail : dp_datta@yahoo.com   | Mathematical physics,<br>Differential equations,<br>Dynamical systems.   |
| 34. | <b>Mr. Abhirup Datta</b><br>Assistant Professor<br>Centre Of Astronomy, Indian Institute<br>of Technology Indore, Simrol,<br>Khandwa Road,<br>Indore- 453552, Madhya Pradesh                       | Phone : (0731) 2438-948/960 (O)<br>8518886478 (M)<br>E-mail : abhirup.datta@iiti.ac.in   | Radio astronomy,<br>Aperture Synthesis,<br>Imaging and<br>Calibration, High<br>redshift galaxy, etc.   |
| 35. | <b>Dr. Kanan Kumar Datta</b><br>Assistant Professor<br>Dept. Of Physics, Presidency<br>University, 86/1 College Street,<br>Kolkata-0700073<br>West Bengal  | Phone : 8697653659 (M)<br>E-mail : datta.kanan@gmail.com<br>kanan.physics@presiuniv.ac.in  | Cosmology, Cosmic<br>Reionization, 21-cm<br>signal, Radio<br>astronomy, post<br>reionization with HI.  |

| No. | Name and Address  | Phone, Fax, and E-mail  | Research Interests   |
|-----|---|---|--|
| 36. | <b>Dr. Sukanta Deb</b><br>Assistant Professor,<br>Department Of Physics,<br>Cotton College State University,<br>Guwahati-781001, Assam  | Phone : (0361) 2733512 (O) 9810362087 (M)<br>E-mail : sukantodeb@gmail.com  | Automated classification of variable stars, astronomical photometry and spectroscopy of variable stars, light curve modeling, etc. |
| 37. | <b>Dr. Ujjal Debnath</b><br>Department of Mathematics<br>Indian Institute of Engineering Science and Technology,<br>Botanical Garden P.O., Shibpur<br>Howrah - 711 103, West Bengal                 | Phone : (033) 26684561, 62, 63, 26680521,<br>Extn. 562 (O)<br>(03216) 236567 (R)<br>9433353462 (M)<br>Fax : (033) 26682916, 4564<br>E-mail : ujjaldebnath@yahoo.com,<br>ujjal@associates.iucaa.in | Cosmological Models,<br>Study of Singularities   |
| 38. | <b>Dr. Shantanu Desai</b><br>Department of Physics<br>IIT Hyderabad<br>Kandi, Sangareddy - 502 285<br>Telangana   | Phone : (040) 23016173 (O) 9619127162 (M)<br>Fax :<br>E-mail : shantanud@iith.ac.in   | Particle Astrophysics,<br>Gravitational Wave<br>Astronomy,<br>Observational<br>Cosmology and Galaxy<br>Clusters, Astrostatistics.  |
| 39. | <b>Dr. (Ms.) Atri Deshamukhya</b><br>Head, Department of Physics<br>Assam University<br>Silchar- 788004<br>Assam  | Phone : (03842) 270843(O)<br>(03842) 267729 (R)<br>9954041961 (M)<br>E-mail : atri_d@yahoo.com  | Cosmology  |
| 40. | <b>Dr. S. Dev</b><br>Department of Physics<br>School of Sciences<br>H.N. Bahuguna Garhwal Central<br>University<br>Srinagar<br>Uttarakhand -246174  | Phone : (01346) 252331 (O)<br>(01346) 250884 (R)<br>9418075655 (M)<br>E-mail : dev5703@yahoo.com,<br>sdev@associates.iucaa.in   | Neutrino Physics and<br>Astrophysics.  |
| 41. | <b>Prof. Jishnu Dey</b><br>Department of Physics<br>Presidency University<br>86/1, College Street<br>Kolkata 700 073  | Phone : (033) 22411977, 22198372 (O)<br>(033) 23379191 (R)<br>E-mail : jishnu@associates.iucaa.in,<br>jishnu.dey@gmail.com  | Particle Physics,<br>Phenomenological<br>Aspects of QCD.   |
| 42. | <b>Prof. Mira Dey</b><br>Department of Physics<br>Presidency University<br>86/1, College Street<br>Kolkata - 700 073  | Phone : (033) 22411977, 22198372 (O)<br>(033) 23379191 (R)<br>9433091901 (M)<br>E-mail : mira.dey@gmail.com   | Phenomenological<br>Aspects of QCD.  |
| 43. | <b>Dr. Broja Gopal Dutta</b><br>Department of Physics<br>Rishi Bankim Chandra College<br>(West Bengal State University)<br>East Kantalpara, Naihati,<br>North 24 Parganas,<br>West Bengal - 743 165 | Phone : (03220) 249227<br>E-mail : brojadutta@gmail.com<br>broja@associates.iucaa.in  | Astrophysics.  |

| No. | Name and Address   | Phone, Fax, and E-mail   | Research Interests  |
|-----|--|--|---|
| 44. | <b>Dr. Jibitesh Dutta</b><br>Department of Basic Sciences and<br>Social Sciences<br>School of Technology<br>North-Eastern Hill University<br>Mawkynroh-Umshing<br>Mawlai<br>Shillong -793 022<br>Meghalaya     | Phone : (0364) 2723659 (O) 2231147 (R)<br>9863021745 (M)<br>E-mail : jdutta29@gmail.com  | Gravitational<br>Thermodynamics in<br>Modified Gravity<br>Theories, Dynamical<br>Systems in Modified<br>Gravity based<br>Cosmology .                        |
| 45. | <b>Dr. Sukanta Dutta</b><br>Associate Professor<br>High Energy Physics and Cosmology<br>Laboratory<br>Department of Physics<br>Sri Guru Tegh Bahadur Khalsa<br>College<br>University of Delhi<br>Delhi -110007 | Phone : (011) 27667469(O)<br>(011) 41764214 (R)<br>9811687970 (M)<br>E-mail : sukanta.dutta@gmail.com  | High Energy Physics,<br>Astroparticle Physics<br>and Cosmology.   |
| 46. | <b>Dr. Sunandan Gangopadhyay</b><br>IISER-Kolkata<br>Mohanpur 741246, Nadia<br>West Bengal   | Phone : (033) 23593641 (O)<br>9830124471 (M)<br>E-mail : sunandan.gangopadhyay@gmail.com<br>sunandan@iiserkol.ac.in  | Noncommutativity in<br>String theory,<br>Constrained<br>Hamiltonian dynamics,<br>etc.   |
| 47. | <b>Dr. Gurudatt Gaur</b><br>Assistant Professor<br>University And Institute Of Advanced<br>Research, Gandhinagar, Gujarat, India   | Phone : (079) 30514366 (O)<br>9537672348 (M)<br>E-mail : gurudattgaur@gmail.com<br>gurudatt@ipr.res.in   | Gravitational wave<br>physics, Detector<br>characterization and<br>veto development for<br>gravitational wave<br>searches. Gravitational<br>wave astronomy. |
| 48. | <b>Prof. Sushant G. Ghosh</b><br>Centre for Theoretical Physics<br>Jamia Millia Islamia<br>Maulana Mohammed Ali Jauhar Marg<br>New Delhi- 110 025  | Phone : (011) 26984830 (O)<br>(0129) 4080101 (R)<br>9971348628 (M)<br>Fax : (011) 26981753<br>E-mail: sgghosh@associates.iucaa.in,<br>sgghosh@gmail.com,<br>sgghosh@ctp-jmi.res.in | General Relativity,<br>Cosmology.   |
| 49. | <b>Dr. Sutapa Ghosh</b><br>Assistant Professor,<br>Department Of Physics,<br>Barasat Govt. College<br>Kolkata,<br>West Bengal  | Phone : (033)25523365 (O)<br>9477251168 (M)<br>E-mail : neutronstar12@yahoo.co.in  | Some Studies on<br>Magnetic Properties of<br>Dense Stellar<br>Matter.   |
| 50. | <b>Dr. Rupjyoti Gogoi</b><br>Department of Physics<br>Tezpur University<br>Napaam<br>Tezpur- 784028  | Phone : (03712) 275577 (O)<br>(03712) 273822 (R)<br>9435559488 (M)<br>E-mail : rgogoi@tezu.ernet.in,<br>rupjyotigogoi@gmail.com  | Infrared studies of<br>nearby galaxies.   |



| No. | Name and Address  | Phone, Fax, and E-mail  | Research Interests   |
|-----|---|---|--|
| 51. | <b>Dr. Gaurav Goswami</b><br>School of Engineering and Applied Science<br>Ahmedabad University<br>GICI Building<br>Central Campus Navrangpura<br>Ahmedabad - 380 009<br>Gujarat | Phone : (079) 61911171 (O)<br>Fax :<br>E-mail : gaurav.goswami@ahduni.edu.in  | Interface of cosmology and high energy physics.  |
| 52. | <b>Dr. Umananda Dev Goswami</b><br>Assistant Professor<br>Department of Physics<br>Dibrugarh University<br>Dibrugarh -786 004<br>Assam  | Phone : (0373) 2370224 (O)<br>9435618206 (M)<br>E-mail : umananda2@gmail.com<br>umananda@dibru.ac.in  | Theoretical and experimental astroparticle physics, Astronomy, astrophysics and cosmology. |
| 53. | <b>Dr. Shivappa Bharamappa Gudennavar</b><br>Associate Professor,<br>Department Of Physics,<br>Christ University,<br>Bengaluru- 560 029<br>Karnataka.                           | Phone : (080) 40129387 (O)<br>9448002580 (M)<br>Fax : (080) 40129000<br>E-mail :<br>shivappa.b.gudennavar@christuniversity.in<br>sbg1973@rediffmail.com                   | Interstellar medium, Extragalactic astronomy.  |
| 54. | <b>Dr. Sarbari Guha</b><br>Department of Physics<br>St. Xavier's College<br>30, Park Street<br>Kolkata - 700 016  | Phone : (033) 22877278, 22801927 (O)<br>9231665828 (M)<br>Fax : (033) 22879966<br>E-mail : sarbariguha@rediffmail.com,<br>srayguha@yahoo.com,<br>guha@associates.iucaa.in | General Relativity and Cosmology.  |
| 55. | <b>Dr. K.P. Harikrishnan</b><br>Department of Physics<br>The Cochin College<br>Kochi - 682 002, Kerala  | Phone : (0484) 2224954 (O)<br>(0484) 4042990 (R);<br>99477 71354 (M)<br>Fax : (0484) 2577595<br>E-mail : kph@associates.iucaa.in<br>kp_hk2002@yahoo.co.in                 | Chaos in Nonlinear Dynamical Systems.  |
| 56. | <b>Dr. Priya Hasan</b><br><b>Department of Physics</b><br>Maulana Azad National Urdu University,<br>Gachibowli,<br>Hyderabad- 500 032.<br>Telangana                             | Phone : (040) 23006612-15<br>(O) 23306959 (R) 9701811881 (M)<br>E-mail : priya-hasan@gmail.com  | Star clusters, Star formation, Photometry, Image processing.                               |
| 57. | <b>Dr. Sk Monowar Hossein</b><br>Associate Professor,<br>Department of Mathematics<br>Aliah University<br>IIA/27 New Town<br>Kolkata - 700156                                   | Phone : (033) 8584853818(O)<br>(033) 8334846047 (R)<br>9432182142 (M)<br>E-mail : sami_milu@yahoo.co.uk   |  |
| 58. | <b>Dr. Ngangbam Ibohal</b><br>Department of Mathematics<br>University of Manipur, Canchipur<br>Imphal - 795 003, Manipur  | Phone : (0385) 2435126 (O)<br>9612968372/9402881904 (M)<br>Fax : (0385) 2435145<br>E-mail : ngibohal@associates.iucaa.in,<br>ngibohal@rediffmail.com                      | General Relativity and Gravitation.  |

| No. | Name and Address   | Phone, Fax, and E-mail   | Research Interests   |
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| 59. | <b>Dr. K. Indulekha</b><br>School of Pure and Applied Physics,<br>Mahatma Gandhi University,<br>Kottayam- 686 560<br>Kerala  | Phone : (0481) 2731043 (O)<br>(0481) 2732318 ( R)<br>93495 00776 (M)<br>E-mail : kindulekha@gmail.com  | Open Clusters,<br>Kinematics.  |
| 60. | <b>Prof. S.N.A. Jaaffrey</b><br>Department of Physics<br>Pacific Academy Of Higher Education<br>And Research University,<br>Udaipur - 313 001, Rajasthan   | Phone : 7665017783 (O)<br>(0294) 2485191 ( R )<br>9983505675 (M)<br>Fax : (0294) 2471150<br>E-mail : jaaffrey@gmail.com<br>jaaffrey@associates.iucaa.in  | X-ray Astronomy,<br>Pulsars, Quasars, AGN,<br>and Blackholes.  |
| 61. | <b>Dr. Joe Jacob</b><br>Department of Physics<br>Newman College<br>Thodupuzha -685 585, Kerala   | Phone : (04862) 226086 (O)<br>(04862) 220408 (R),<br>9846015011 (M)<br>E-mail : drjoephysics@yahoo.co.in,<br>joe@associates.iucaa.in   | Microwave and Radio<br>Wave Radiations,<br>Microwave Imaging and<br>Antennas.                                      |
| 62. | <b>Dr. Deepak Jain</b><br>Department of Physics,<br>Deen Dayal Upadhyaya College,<br>(University of Delhi)<br>Sector-3, Dwarka<br>New Delhi -110 078<br><i>Address for correspondence:</i><br>91, Bhagirathi Apartments,<br>Sector 9, Rohini,<br>Delhi - 110 085 | Phone : (011) 25099381,<br>Fax : (011) 25099380 (O)<br>(011) 27865102 (R)<br>E-mail : djain@ddu.du.ac.in,<br>djain@associates.iucaa.in   | Cosmology and<br>Gravitational Lensing.  |
| 63. | <b>Dr. Sanjay Jhingan</b><br>Centre for Theoretical Physics<br>Jamia Millia Islamia<br>Maulana Mohammed Ali Jauhar Marg,<br>Jamia Nagar,<br>New Delhi -110 025   | Phone : 81 55 - 2241350 (O)<br>011 - 22241375 (R)<br>Fax : (011) 26981753<br>E-mail : sanjay.jhingan@gmail.com,<br>sjhingan@associates.iucaa.in  | Gravitation Physics, and<br>Applications to<br>Astrophysics and<br>Cosmology.                                      |
| 64. | <b>Dr. Charles Jose</b><br>Department of Physics<br>St. Berchmans College<br>Changanacherry- 686 101<br>Kerala   | Phone : (0481) 2420025 (O)<br>(0482) 8247483 (R)<br>8606434507 (M)<br>E-mail : charlesmanimala@gmail.com   | Cosmology, large scale<br>structures in the<br>universe, Probes of<br>fundamental physics<br>using cosmology, etc. |
| 65. | <b>Dr. Kanti R. Jotania</b><br>Department of Physics<br>Faculty of Science<br>The M.S. University of Baroda<br>Fatehgunj, Vadodara - 390 002<br>Gujarat  | Phone : (0265) 2795339 (O),<br>(079) 27683150 (R),<br>9825779964 (M)<br>Fax : (0265) 2795569<br>(Population Research Centre)<br>E-mail : kanti@associates.iucaa.in,<br>kanti.jotania@gmail.com | Observational<br>Astronomy,<br>Gravitational Waves,<br>Theoretical<br>Astrophysics.                                |
| 66. | <b>Dr. Minu Joy</b><br>Department of Physics<br>Alphonsa College,<br>Arunavaram PO 686 574<br>Pala, Kerala   | Phone : (04822) 213033 (R)<br>E-mail : minujoy@gmail.com   | Cosmology and<br>Quantum Gravity,<br>Cosmological<br>Perturbation.   |

| No. | Name and Address   | Phone, Fax, and E-mail  | Research Interests   |
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| 67. | <b>Dr. Md. Mehedi Kalam</b><br>Professor & Head<br>Department of Physics<br>Aliah University<br>IIA/27, New Town<br>Kolkata-700 156<br>West Bengal                                     | Phone : (033) 27062271(O)<br>9433487900 (R)<br>9836363707 (M)<br>E-mail : mehedikalam@yahoo.co.in                                       | Relativity, Cosmology,<br>Topological Defects,<br>Wormhole and<br>Blackhole Physics.   |
| 68. | <b>Dr. Nandita L. Kalita</b><br>Girijananda Chowdhury Institute of<br>Management and Technology<br>Guwahati NH-37, Hatkhowapara,<br>Azara<br>Guwahati - 781 017<br>Assam               | Phone : (0361) 2843404 (O)<br>Fax :<br>E-mail : nanditalahkar1@gmail.com  | Stellar astrophysics,<br>particularly in problems<br>related to element<br>synthesis during<br>supernovae.   |
| 69. | <b>Dr. Sanjeev Kalita</b><br>Assistant Professor<br>Department Of Physics,<br>Gauhati University,<br>Guwahati-781014<br>Assam  | Phone : (0361) 2570531 (O)<br>9864087304 (M)<br>E-mail : sanjeevkalita1@ymail.com   | Cosmology.   |
| 70. | <b>Prof. L.N. Katkar</b><br>Head, Department of Physics<br>Shivaji University<br>Kolhapur 416004<br>Maharashtra  | Phone : (0231) 2609219 (O)<br>9167399335 (M)<br>E-mail : lnk1000@yahoo.com  | General Relativity.  |
| 71. | <b>Dr. Ram Kishor Kishor</b><br>Assistant Professor<br>Department Of Mathematics, Central<br>University Of Rajasthan, Nh-8,<br>Bandarsindari, Kishangarh<br>AJMER- 305817<br>Rajasthan | Phone : (01463) 238755(O)<br>9166269698 (M)<br>E-mail : kishor_math@curaj.ac.in   | Celestial Mechanics:<br>Mission Design under<br>the influence of<br>Perturbations 2.<br>Nonlinear Dynamics<br>and Chaos 3. Dynamical<br>System- Solar system<br>and Extra solar systems. |
| 72. | <b>Prof. Arun V. Kulkarni</b><br>BITS-Pilani, KKB-GOA Campus<br>NH-17B Bypass, Zuarinagar<br>Vasco - 403 726<br>Goa  | Phone : (0832) 2580 309 (O)<br>(0832) 2580 502 (R)<br>9422971148 (M)<br>Fax :<br>E-mail : avkbits@goa.bits-pilani.ac.in                 | Nuclear Physics,<br>Theoretical Physics,<br>Numerical E&M,<br>Physics teaching.  |
| 73. | <b>Dr. Nagendra Kumar</b><br>Department of Mathematics<br>M.M.H. College<br>Ghaziabad -201 009<br>Uttar Pradesh  | Phone : (0120) 2861414 (O)<br>(0120) 2986961(R)<br>9555739225 (M)<br>E-mail : nkumar@associates.iucaa.in,<br>nagendrakgk@rediffmail.com | MHD, Plasma Physics.   |
| 74. | <b>Dr. Suresh Kumar</b><br>Department of Mathematics<br>Birla Institute of Technology and<br>Science<br>Pilani   | Phone : (01596) 515678 (O)<br>7725905640 (M)<br>E-mail : sukuyd@gmail.com   | Dark Energy<br>Cosmology, Exact<br>Solutions, etc.   |

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|-----|--|---|--|
| 75. | <b>Dr. Badam Singh Kushvah</b><br>Department of Applied Mathematics,<br>Indian School of Mines,<br>Dhanbad- 826 004<br>Jharkhand   | Phone : (0326) 2235765 (O)<br>(0326) 2235783(R)<br>9471191119 (M)<br>E-mail : bskush@gmail.com<br>badam@associates.iucaa.in   | Celestial Mechanics.   |
| 76. | <b>Dr. Smriti Mahajan</b><br>IISER, Mohali<br>Knowledge City, Sector 81, SAS<br>Nagar,<br>Manauli PO 140306  | Phone : (0172) 4622730 (O) 9653792580 (M)<br>Fax :<br>E-mail : mahajan.smriti@gmail.com   | Evolution of galaxies;<br>Observable properties<br>of galaxies such as<br>mass, star formation<br>rate and colours; Multi-<br>wavelength surveys of<br>nearby galaxies;<br>Environment of<br>galaxies; large-scale<br>structure formation. |
| 77. | <b>Prof. Shiva Kumar Malapaka</b><br>Assistant Professor<br>International Institute Of Information<br>Technology Bangalore.- 560100<br>Karnataka                         | Phone : (080) 28527627 ext147 (O)<br>(080) 26614766 (R)<br>9491531716 (M)<br>E-mail : malapaka@iitb.ac.in<br>kumarshiva@gmail.com   | Direct Numerical<br>Simulations of 3D-<br>Magnetohydrodynamic<br>Turbulence and<br>Hydrodynamic<br>Turbulence, n-body<br>simulations of planetary<br>formation, etc.   |
| 78. | <b>Prof. Manzoor A. Malik</b><br>Department of Physics<br>University of Kashmir<br>Srinagar - 190 006<br>Jammu and Kashmir   | Phone : (0194) 2420078, Extn. 2184, 2185 (O)<br>(0194) 2421485 (R)<br>9419933381 (M)<br>Fax : (0194) 2421357<br>E-mail : mmalik@kashmiruniversity.ac.in,<br>mmaalik@gmail.com | Cosmological Many-<br>Body Problems, Dark<br>Matter, CMB.  |
| 79. | <b>Dr. Mamta</b><br>Dept. of Physics and Electronics<br>S.G.T.B. Khalsa College<br>University of Delhi Campus<br>Delhi 110 007   | Phone : 9818076507 (M)<br>E-mail : mdahiya@physics.du.ac.in,<br>mamta.phy26@gmail.com   | Electro-weak Symmetry<br>Breaking Mechanism,<br>New Physics Searches<br>at LHC.  |
| 80. | <b>Dr. Soma Mandal</b><br>Assistant Professor & H.O. D<br>Department of Physics<br>Government Girls' General Degree<br>College<br>7, Mayurbhange Road<br>Kolkata 700 023 | Phone : 9836078964 (M)<br>E-mail : soma2778@gmail.com   | X-ray astronomical<br>data analysis, Compact<br>objects in strong<br>magnetic field.   |
| 81. | <b>Dr. Titus K. Mathew</b><br>Department of Physics<br>Cochin University of Science and<br>Technology<br>Cochin 682 022<br>Kerala  | Phone : (0484) 2577404 (O)<br>(0484) 2577349 (R)<br>9995438460 (M)<br>E-mail : titus@cusat.ac.in<br>tituskmathew@gmail.com  | Bulk viscous matter and<br>current acceleration of<br>the universe.  |
| 82. | <b>Dr. Irom Ablu Meitei</b><br>Assistant Professor<br>Department of Physics<br>Modern College, Porompat,<br>Imphal East - 795005<br>Manipur                              | Phone : 9402837749, 9863330936 (M)<br>E-mail : ablu.irom@gmail.com  | Astronomy and<br>Astrophysics.   |

| No. | Name and Address  | Phone, Fax, and E-mail  | Research Interests  |
|-----|---|---|---|
| 83. | <b>Dr. Hameeda Mir</b><br>Government Sri Pratap College<br>Srinagar<br>Jammu & Kashmir  | Phone : 9469033913 (M)<br>E-mail : hme123eda@gmail.com  | Optical telescopes,<br>Astrophotography, CCD<br>Imaging, Data analysis.             |
| 84. | <b>Mr. Bivudutta Mishra</b><br>Associate Professor<br>Department Of Mathematics, Bits-<br>Pilani, Hyderabad Campus, Jawahar<br>Nagar. Sameerpet Mandal, Ranga<br>Reddy<br>Dist.<br>Hyderabad- 500078<br>Telangana   | Phone : (040) 66303532 (O)<br>9000607523 (M)<br>E-mail : bivudutta@gmail.com<br>bivu@hyderabad.bits-pilani.ac.in                            | Dark energy and<br>modified gravity .   |
| 85. | <b>Dr. Saptarshi Mondal</b><br>Bethune College<br>24 Madan Pal Lane<br>P.O. - Bhowanipur<br>Kolkata - 700 025<br>West Bengal  | Phone : (33) 22571712 (O)<br>(33) 24543028 (R) 9163697689 (M)<br>Fax :<br>E-mail : saptarshi.stat1@gmail.com                                | Globular clusters,<br>Galaxy formation.   |
| 86. | <b>Dr. Soumen Mondal</b><br>Assistant Professor,<br>Department of Physics,<br>Jadavpur University,<br>Main Campus,<br>188, Raja S.C. Mallick Road,<br>Kolkata - 700 032   | Phone : 8293004344 (M)<br>E-mail : crabhorizon@gmail.com  | Equation of state in<br>accretion and wind<br>flows, Gravity wave<br>emission, etc. |
| 87. | <b>Prof. Pradip Mukherjee</b><br>Head, Department of Physics<br>Barasat Government College<br>10, K.N.C. Road<br>Barasat<br>Kolkata - 700 124   | Phone : (033) 25523365 (O)<br>(033) 25386288 (R)<br>9433571865 (M)<br>E-mail : mukhpradip@gmail.com<br>pradip@associates.iucaa.in           | Cosmological<br>Perturbation Theory,<br>High Energy Physics.                        |
| 88. | <b>Dr. Hemwati Nandan</b><br>Department of Physics<br>Gurukula Kangri University<br>Haridwar -249 404<br>Uttarakhand  | Phone : 8909916277, 9411319626 (M)<br>Email : hnththeory@yahoo.co.in<br>h.n.pandey@gmail.com  | Kinematics of<br>Deformations and<br>Geodesic Flows.                                |
| 89. | <b>Prof. Dibyendu Nandi</b><br>Dean, Office of Research &<br>Development<br>Coordinator, Centre of Excellence in<br>Space Sciences India (CESSI)<br>Indian Institute of Science Education<br>and Research, Kolkata<br>Mohanpur -741 252<br>Nadia, West Bengal | Phone : 9748606215 (M)<br>Fax : (033) 25873020<br>E-mail : dnandi@iiserkol.ac.in  | Astrophysical Space<br>Sciences.  |
| 90. | <b>Dr. Kamal Kanti Nandi</b><br>Department of Mathematics<br>North Bengal University<br>Darjeeling District<br>Siliguri 734 013, West Bengal  | Phone : (0353) 2581434 (O), (0353) 2581145<br>(R)<br>Fax : (0353) 2581546<br>E-mail : kamalnandi1952@yahoo.co.in,<br>kamalnandi@hotmail.com | General Relativity,<br>Cosmology.   |

| No. | Name and Address  | Phone, Fax, and E-mail   | Research Interests   |
|-----|---|--|--|
| 91. | <b>Dr. Rajesh Kumble Nayak</b><br>Department of Physical Sciences<br>Indian Institute of Science Education<br>and Research (IISER) – Kolkata,<br>Mohanpur Campus<br>P.O. Krishi Viswavidyalaya<br>Mohanpur- 741 252<br>Dist. Nadia<br>West Bengal | Phone : 3473279137 (O)<br>9903507977 (M)<br>Email : rajesh@iiserkol.ac.in<br>rajesh.kumble.nayak@gmail.com   | Gravitational wave data<br>analysis, General theory<br>of Relativity and<br>Relativistic<br>Astrophysics,<br>Cosmology.  |
| 92. | <b>Dr. Rahul Nigam</b><br>Department of Physics<br>BITS Pilani, Hyderabad Campus<br>Jawahar Nagar<br>Shameerpet Mandal<br>Hyderabad -500 078  | Phone : (040) 66303615<br>9951403087 (M)<br>Fax : (040) 66303998<br>E-mail : nig.rahul@gmail.com,<br>rahul.nigam@bits-hyderabad.ac.in  | Structure Formation in<br>Universe (Halo Model),<br>CMBR Physics,<br>Intergalactic Magnetic<br>field.  |
| 93. | <b>Dr. Barun Kumar Pal</b><br>Assistant Professor,<br>Netaji Nagar College For Women,<br>170/13/1 N.S.C.<br>Bose Road,<br>Kolkata -700092,<br>West Bengal   | Phone : (033) 24116711 (O)<br>8902724762 (M)<br>E-mail : terminatorbarun@gmail.com<br>barunp1985@rediffmail.com  | Cosmological Inflation,<br>Cosmological<br>Perturbations, Cosmic<br>Microwave Background<br>Radi- ation,<br>Gravitational Lensing,<br>Primordial Gravity<br>Waves.   |
| 94. | <b>Dr. Biswajit Pandey</b><br>Department of Physics<br>Siksha Bhavana<br>Visva Bharati<br>Santiniketan- 731 235<br>Birbhum<br>West Bengal   | Phone : (03463) 262751 (O),<br>(03222) 264183 (R)<br>7602198961 (M)<br>E-mail : biswap@visva-bharati.ac.in   | Cosmology from the<br>topology and<br>morphology of large<br>scale structures in the<br>Universe, Testing<br>homogeneity of the<br>Universe, Redshift<br>space distortions in<br>Galaxy Redshift<br>Surveys, 21 cm<br>Cosmology, Large scale<br>structure formation. |
| 95. | <b>Prof. S.K. Pandey</b><br>Vice-Chancellor<br>Pt. Ravishankar Shukla University<br>Raipur - 492 010, Chhattisgarh  | Phone : (0771) 2262857 (O)<br>(0771) 2262460, 2262551 (R),<br>9826615336, 9424200857 (M)<br>Fax : (0771) 2262583<br>E-mail : skp@associates.iucaa.in,<br>ircrsu@sancharnet.in,<br>proskp@gmail.com | Image Processing,<br>Surface Photometry of<br>Galaxies.  |
| 96. | <b>Dr. Sanjay Kumar Pandey</b><br>Associate Professor<br>Department of Mathematics<br>L.B.S.P.G. College<br>Gonda 271 003<br>Uttar Pradesh  | Phone : (05262) 232994 (O), 232631 (R)<br>9415176625 (M)<br>E-mail : pandey.star@gmail.com   | Cosmology, Large Scale<br>Structure of the<br>Universe, Statistical<br>analysis of Reionization<br>and post- reionization<br>universe with the help<br>of 21 cm radiation.   |

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|------|---|--|---|
| 97.  | <b>Dr. Mahadev B. Pandge</b><br>Dayanand Science College<br>Barshi Road<br>Latur - 413 512<br>Maharashtra   | Phone : (02382) 223929 (O) 9881340347 (M)<br>Fax :<br>E-mail : mbpandge@gmail.com  | AGN Feedback in groups and clusters of galaxies, Cluster Dynamics, Star formation, galaxy formation and evolution.  |
| 98.  | <b>Prof. P. N. Pandita</b><br>Centre for High Energy Physics<br>Indian Institute of Science<br>C.V. Raman Avenue<br>Bengaluru- 560 012<br>Karnataka         | Phone : (080) 2293 2396 (O)<br>9436102186 (M)<br>E-mail : ppandita@gmail.com<br>pandita@associates.iucaa.in,   | Dark Matter, Super Symmetry, Cosmology.   |
| 99.  | <b>Dr. Rutu Parekh</b><br>Dhirubhai Ambani Institute of Information and Communication Technology<br>Near Indroda Circle<br>Gandhinagar - 382 007<br>Gujarat | Phone : (079) 30510553 (O)<br>(079) 27680514 (R) 9909902510 (M)<br>Fax :<br>E-mail : rutuparekh@gmail.com  | Develop models, codesign methodology and cosimulation of hybrid circuits of emerging nanoelectronic devices with CMOS technology, micro / nano fabrication, low voltage low power circuits, Phase Change Memory, embedded systems and Internet of Everything. |
| 100. | <b>Dr. Amit Pathak</b><br>Department of Physics<br>Tezpur University<br>Napaam<br>Tezpur -784 028<br>Assam  | Phone : (03712) 267007/8/0, 275576 (O)<br>E-mail : amit@tezu.ernet.in,<br>amitpah@gmail.com  | Interstellar molecules and dust.  |
| 101. | <b>Dr. Kishor Dnyandeo Patil</b><br>Department of Mathematics<br>B.D. College of Engineering<br>Sevagram<br>Wardha District- 442 102<br>Maharashtra         | Phone : (02462) 229242 (O)<br>8308298063 (M)<br>E-mail : kishordpatil@yahoo.com,<br>kishor@associates.iucaa.in   | General Relativity, Cosmic Censorship.  |
| 102. | <b>Prof. Madhav K. Patil</b><br>School of Physical Sciences<br>Swami Ramanand Teerth Marathwada University<br>Vishnupuri, Nanded - 431 606<br>Maharashtra   | Phone : (02462) 229242 (O)<br>8308298063 (M)<br>Fax : (02462) 229245<br>E-mail : patil@associates.iucaa.in,<br>mkpsrtm@yahoo.co.in                             | Astronomy and Astrophysics, Observation.  |
| 103. | <b>Dr. Bikash Chandra Paul</b><br>Department of Physics<br>North Bengal University<br>Darjeeling District<br>Siliguri - 734 013, West Bengal                | Phone : (0353) 2776338, 39 (O),<br>(0353) 2526801 (R)<br>9434539881 (M)<br>Fax : (0353) 2699001<br>E-mail : bcpaul@associates.iucaa.in,<br>bc_paul@hotmail.com | Astrophysics, Cosmology, General Relativity.  |

| No.  | Name and Address   | Phone, Fax, and E-mail  | Research Interests   |
|------|--|---|--|
| 104. | <b>Dr. Dipankar Paul</b><br>Head, Department of Physics<br>Ramkrishna Nagar College<br>Ramkrishna Nagar<br>Karimganj -788 166<br>Assam                                 | Phone : 9435377059 (O), 9401275174 (R)<br>9435377059 (M)<br>E-mail : dippaul_99@rediffmail.com  | Polarimetry in the continuum.  |
| 105. | <b>Dr. Surajit Paul</b><br>DST-INSPIRE Faculty<br>& DST Young Scientist Fellow<br>Department of Physics<br>University of Pune<br>Pune -411 007                         | Phone : (020) 25692678 Ext. 458<br>9405428606 (M)<br>E-mail : surajit@physics.unipune.ac.in,<br>surajit@associates.iucaa.in                           | Cosmological simulations of large scale structures (LSS), Galaxy cluster formation, Radio observations of LSS. |
| 106. | <b>Mr. Devraj Damaji Pawar</b><br>Assistant Professor<br>R. J. College, Ghatkopar,<br>Mumbai- 400 086  | Phone : 9869458604 (M)<br>E-mail : devrajdp@gmail.com   | X-ray astronomy.   |
| 107. | <b>Dr. Ninan Sajeeth Philip</b><br>Department of Physics<br>St. Thomas College<br>Kozhencherri - 689 641, Kerala   | Phone : (0468) 2214566, 2213246 (O)<br>(0469) 2660510 (R),<br>8149134586/ 9496552479 (M)<br>Fax : (0468) 2215543<br>E-mail : nspp@associates.iucaa.in | Machine Learning and Cryptography.   |
| 108. | <b>Dr. Swarup Poria</b><br>Department of Applied<br>Mathematics, University of<br>Calcutta<br>92 APC Road<br>Kolkata - 700 009<br>West Bengal                          | Phone : (033) 23508386 (O) 9477214234 (M)<br>Fax :<br>E-mail : swarup_p@yahoo.com   | Nonlinear dynamics and chaos.  |
| 109. | <b>Dr. Ananta Charan Pradhan</b><br>Department of Physics and Astronomy<br>National Institute of Technology<br>Rourkela -769 008<br>Odisha                             | Phone : (0661) 2462735 (O), 2463735 (R)<br>7894252258 (M)<br>E-mail : acp.phy@gmail.com   |  |
| 110. | <b>Prof. Anirudh Pradhan</b><br>Department of Mathematics,<br>GLA University,<br>Mathura -281 406<br>Uttar Pradesh   | Phone : (05662) 250761 (O)<br>(05662) 250900 (R)<br>94158234/8476837655 (M)<br>E-mail : pradhan.anirudh@gmail.com<br>pradhan@associates.iucaa.in      | General Relativity, Cosmology, Dark Energy.  |
| 111. | <b>Dr. Parthapratim Pradhan</b><br>Assistant Professor<br>Department of Physics<br>Hiralal Mazumdar Memorial College<br>for Women<br>Dakshineswar<br>Kolkata - 700 035 | Phone : (03222) 230244 (O)<br>E-mail : pppradhan77@gmail.com  | General Relativity, Relativistic Astrophysics.   |
| 112. | <b>Dr. Farook Rahaman</b><br>Department of Mathematics<br>Jadavpur University<br>Kolkata - 700 032   | Phone : -----<br>E-mail : farook_rahaman@yahoo.com  | GR, Cosmology, Topological Defects, Black Hole, Th. Astrophysics.  |



| No.  | Name and Address   | Phone, Fax, and E-mail  | Research Interests  |
|------|--|---|---|
| 113. | <b>Dr. Rajesh S.R.</b><br>Assistant Professor<br>Department of Physics<br>S.D. College<br>Alappuzha<br>Kerala -688003  | Phone : (0474) 2592877(R)<br>9400235838 (M)<br>E-mail : sivayaohm@gmail.com   | Astrophysics and related hydrodynamics.   |
| 114. | <b>Dr. Shantanu Rastogi</b><br>Department of Physics<br>D.D.U. Gorakhpur University<br>Gorakhpur - 273 009<br>Uttar Pradesh  | Phone : (0551) 2332398 (O)<br>(0551) 2204517 (R)<br>9335631805 (M)<br>E-mail : shantanu@associates.iucaa.in,<br>shantanu_r@hotmail.com                                      | Molecular Spectroscopy, Biopolymers and Moleculars of Astrophysical Importance, Infrared Spectroscopy.            |
| 115. | <b>Dr. C.D. Ravikumar</b><br>Department of Physics<br>University of Calicut<br>Kozhikode - 673 635, Kerala   | Phone : (0494) 2401144 (O),<br>(0466) 2282893 (R)<br>9447192136 (M)<br>Fax : (0494) 2400269<br>E-mail : cdravi@gmail.com,<br>ravi@associates.iucaa.in                       | Galaxies, Observational Astronomy, Extragalactic Astronomy, Quasars and AGNs.                                     |
| 116. | <b>Dr. Saibal Ray</b><br>Department of Physics<br>Government College of Engineering and Ceramic Technology<br>West Bengal - 700 010                                      | Phone : 9163169796 (M)<br>E-mail : saibal@associates.iucaa.in   | General Relativity, Astronomy, Astrophysics, Cosmology.   |
| 117. | <b>Dr. Biplab Raychaudhuri</b><br>Department of Physics<br>Visva Bharati University<br>Santiniketan<br>Dist. Birbhum -731 235<br>West Bengal                             | Phone : (03463) 261016(O)<br>(03561) 256048 (R)<br>434464856 (M)<br>E-mail : biplab.raychaudhuri@gmail.com,<br>biplabphy@visva-bharati.ac.in,<br>bipray@associates.iucaa.in | Sagnac Effect in Curved Spacetime, General Relativity, Astrophysics.  |
| 118. | <b>Dr. Swati Routh</b><br>Centre for Post-Graduate Studies<br>Jain University<br>Jayanagar<br>3rd Block<br>Bengaluru -560 011<br>Karnataka                               | Phone : (080) 43226500 (O)<br>9686720583 (M)<br>E-mail : swati.routh@jainuniversity.ac.in   | Solar Physics (Solar Atmosphere), Atmospheric Physics, Astrophysics, Astrostatistics, Wave Dynamics, Bio-physics. |
| 119. | <b>Dr. Prabir Rudra</b><br>Asutosh College<br>21B/2 Sagar Manna Road<br>Behala, Parnashree<br>Kolkata - 700 060<br>West Bengal   | Phone : (033) 24554504 (O)<br>(033) 24062196 (R) 9836724050 (M)<br>Fax :<br>E-mail : prudra.math@gmail.com  | Theoretical astrophysics and cosmology.   |
| 120. | <b>Dr. Anirban Saha</b><br>Department of Physics<br>West Bengal State University<br>Berunanpukuria, Malikapur<br>Barasat<br>24 Parganas (North) - 700 126<br>West Bengal | Phone : (033) 25241975 (O)<br>(033) 25386288 (R)<br>9836021172 (M)<br>E-mail : ani_saha09@yahoo.co.in,<br>anirban@associates.iucaa.in                                       | Non-commutative Field Theory, String Theory, Constrained Hamiltonian Dynamics, Classical GR, GW, etc.             |

| No.  | Name and Address   | Phone, Fax, and E-mail   | Research Interests  |
|------|--|--|---|
| 121. | <b>Dr. Sanjay Kumar Sahay</b><br>D-56, BITS, Pilani – K.K. Birla Goa<br>Campus<br>NH17B, By Pass Road,<br>Zuari Nagar -403726<br>Goa                             | Phone : (0832) 2580243 (O)<br>9850145798 (M)<br>Fax : (0832) 5643017<br>E-mail : S_K_Sahay@yahoo.com   | Gravitational Wave<br>Astronomy.  |
| 122. | <b>Dr. Sandeep Sahijpal</b><br>Department of Physics<br>Panjab University, Sector 14<br>Chandigarh - 160 014   | Phone : (0172) 2534469 (O)<br>(0172) 2724039 (R)<br>9815611039 (M)<br>Fax : (0172) 2783336<br>E-mail : sahiipal_sandeep@yahoo.com,<br>sandeep@pu.ac.in | Formation and<br>Evolution of Solar<br>System.  |
| 123. | <b>Mr. Tarun Deep Saini</b><br>Assistant Professor<br>Department Of Physics<br>Indian Institute Of Science<br>Bangalore- 560012<br>Karnataka                     | Phone : (080) 23607705 (O)<br>(080) 23602972 (R)<br>9902288832 (M)<br>E-mail : tarun@physics.iisc.ernet.in   | Cosmology: dark<br>energy, gravitation<br>lensing, clusters of<br>galaxies; galactic<br>dynamics; disc<br>dynamics around<br>compact objects. |
| 124. | <b>Dr. Pramoda Kumar Samal</b><br>Post-Graduate Department of Physics,<br>Utkal University,<br>Vanivihar,<br>Bhubaneswar- 751 004<br>Orissa                      | Phone : (0674) 2567079 (O)<br>9439752549 (M)<br>Fax : (0674) 2581079<br>E-mail : pksamal@iopb.res.in<br>pksamal@gmail.com                              | Cosmology and CMBR.   |
| 125. | <b>Dr. Prasant Samantray</b><br>Assistant Professor<br>Centre for Astronomy<br>IIT-Indore<br>Khandwa Road, Simrol<br>Indore -452 020<br>Madhya Pradesh           | Phone : 8878185151 (M)<br>E-mail : prasant.samantray@iiti.ac.in,<br>prshkumar@gmail.com  | AdS/CFT<br>correspondence, string<br>theory, quantum field<br>theory, black holes.  |
| 126. | <b>Dr. Saumyadip Samui</b><br>Department of Physics<br>Presidency University<br>86/1, College Street<br>Kolkata -700 073   | Phone : 3211256737 (R)<br>8158074782 (M)<br>E-mail : ssamui@gmail.com  | Astrophysics and<br>Cosmology.  |
| 127. | <b>Dr. Sudipta Sarkar</b><br>Indian Institute of Technology,<br>Gandhinagar<br>Gujarat- 382355   | Phone : 7819859734 (O)<br>9328474222 (R)<br>9925967563 (M)<br>E-Mail : sudiptas@iitgn.ac.in<br>sudiptahere17@gmail.com                                 | Gravitation, Black hole<br>thermodynamics,<br>modified gravity<br>theories.   |
| 128. | <b>Dr. Sanjay Baburao Sarwe</b><br>Department of Mathematics<br>St. Francis de Sales College<br>Seminary Hill<br>Nagpur - 440 006, Maharashtra                   | Phone : (0712) 2511354(O)<br>9970313706 (M)<br>E-mail : sbsarwe@gmail.com  | General Relativity,<br>Cosmology.   |
| 129. | <b>Dr. Anjan Ananda Sen</b><br>Centre for Theoretical Physics<br>Jamia Millia Islamia<br>Maulana Mohammed Ali Jauhar Marg<br>Jamia Nagar,<br>New Delhi - 110 025 | Phone : (011) 26984830 (O)<br>(0120) 4131305(R)<br>9818024543 (M)<br>Fax : (011) 26981753<br>E-mail : anjsen@gmail.com                                 | Dark Energy and Late<br>Time Acceleration of<br>the Universe, Brane<br>World Cosmology,<br>Loop Quantum<br>Cosmology.                         |

| No.  | Name and Address  | Phone, Fax, and E-mail   | Research Interests  |
|------|---|--|---|
| 130. | <b>Prof. Asoke Kumar Sen</b><br>Department of Physics<br>Assam University, P.B. No. 63<br>Silchar 788 011, Assam  | Phone : (03842) 270843 (O)<br>(03842) 236979, 236600 (R)<br>9435070349 (M)<br>Fax : (03842) 270802, 270806<br>E-mail : aksen@associates.iucaa.in,<br>asokesen@yahoo.com,<br>asokesen@sancharnet.in | Comets, Solar System,<br>Astronomical<br>Observations.  |
| 131. | <b>Dr. Somasri Sen</b><br>Department of Physics<br>Jamia Millia Islamia<br>New Delhi -110025  | Phone : (0120) 4131305 (R )<br>9717050331 (M)<br>E-mail : somasri.sen@gmail.com  | Cosmology,<br>Gravitation,<br>Astroparticle Physics.  |
| 132. | <b>Dr. Anand Sengupta</b><br>Department of Physics<br>IIT Gandhinagar<br>VGEC Complex, Chandkheda<br>Visat-Gandhinagar Highway<br>Ahmedabad - 382 424<br>Gujarat              | Phone : (079) 32419511 (O)<br>E-mail : asengupta@iitgn.ac.in   | Fast interpolation of<br>inspiral template bank<br>for coherent searches<br>for gravitational waves,<br>etc.                                    |
| 133. | <b>Prof. T.R. Seshadri</b><br>Dept. of Physics and Astrophysics<br>University of Delhi<br>Delhi - 110 007   | Phone : (011) 27667725, 27667161 (O)<br>(011) 27315329 (R)<br>9971954775 (M)<br>Fax : (011) 27667061<br>E-mail : trs@associates.iucaa.in,<br>trs@physics.du.ac.in                                  | CMBR, Cosmology.  |
| 134. | <b>Dr. K. Shanthi</b><br>Professor-Director<br>UGC Human Resource Development<br>Centre,<br>Ranade Bhavan, Ist Floor<br>University of Mumbai Vidyanaagari<br>Mumbai - 400 098 | Phone : (022) 26526950, 26524405 (D)<br>(022) 26526091, Extn. 365 (O)<br>Fax : (022) 26526378<br>E-mail : k_shanthi@yahoo.com,<br>shanthi@associates.iucaa.in,<br>director@hrdc.mu.ac.in           | Gamma Ray Astronomy<br>and Astrophysics.  |
| 135. | <b>Dr. Mohit Kumar Sharma</b><br>Jiwaji University<br>2B-139, Vasundhara<br>Ghaziabad - 201 010<br>Uttar Pradesh  | Phone : 7065795663(O)<br>7065795664 (R) 8178819059 (M)<br>Fax :<br>E-mail : mohitkumarsharma32@yahoo.in  | Calculation of<br>collisional rate<br>coefficients is the most<br>difficult part in the<br>investigation of<br>molecules in a cosmic<br>object. |
| 136. | <b>Dr. Ranjan Sharma</b><br>Department of Physics<br>P.D. Women's College<br>Club Road<br>Jalpaiguri -735 101<br>West Bengal  | Phone : (03561) 30146 (O)<br>(03561)25050 (R)<br>9833676950 (M)<br>Fax : (03561) 221362<br>E-mail : ranjan_sh@hotmail.com,<br>rsharma@associates.iucaa.in  | Relativistic<br>Astrophysics.   |
| 137. | <b>Dr. Alkendra Singh</b><br>UGC-Assistant Professor,<br>Department of Physics,<br>Institute of Science,<br>Banaras Hindu University,<br>Varanasi - 221 005                   | Phone : -----<br>E-mail: alkendra@gmail.com  | Solar and Plasma<br>Astrophysics, Magneto-<br>hydrodynamic, Space-<br>based observations of<br>the Sun.   |

| No.  | Name and Address   | Phone, Fax, and E-mail  | Research Interests   |
|------|--|---|--|
| 138. | <b>Professor Gyan Prakash Singh</b><br>Department of Mathematics<br>Visvesvaraya National Institute of<br>Technology<br>Nagpur - 440 010<br>Maharashtra                      | Phone : (0712) 2801356 (O)<br>(0712) 2801386 (R) 9423684625 (M)<br>Fax :<br>E-mail : gpsingh@mth.vnit.ac.in   | General Relativity and<br>Cosmology.   |
| 139. | <b>Prof. Harinder Pal Singh</b><br>Dept. of Physics and Astrophysics<br>University of Delhi<br>Delhi - 110 007   | Phone : (011) 27667793 (O)<br>(011) 27567366 (R)<br>9810248042 (M)<br>Fax : (011) 27667061<br>E-mail : singh@associates.iucaa.in,<br>hpsingh@physics.du.ac.in | Stellar Magnetic Fields,<br>Stellar Evolution.   |
| 140. | <b>Dr. Heisnam Shanjit Singh</b><br>Department of Physics<br>Rajiv Gandhi University<br>Rono Hills<br>Papum Pare - 791 112<br>Arunachal Pradesh                              | Phone : (0360) 2278572 (O)<br>(0360) 2278572 (R) 7308260563 (M)<br>Fax :<br>E-mail : heisnam.singh@rgu.ac.in  | Black holes and<br>Cosmology.  |
| 141. | <b>Dr. Monika Sinha</b><br>Department of Physics<br>IIT, Jodhpur<br>Old Residency Road<br>Ratanada<br>Jodhpur - 342 011<br>Rajasthan   | Phone : (0291) 2449042(O) 7568875770 (M)<br>Fax :<br>E-mail : ms@iitj.ac.in   | Compact objects.   |
| 142. | <b>Dr. Surendra Nadh Somala</b><br>Assistant Professor<br>Indian Institute Of Technology<br>Hyderabad- 502285<br>Telangana   | Phone : (040) 23018457 (O)<br>E-mail : surendra@iith.ac.in  | Engineering<br>seismology,<br>computational<br>geophysics, gravity<br>perturbations due to<br>seismic wavefield.                       |
| 143. | <b>Prof. Vikram Soni</b><br>Centre for Theoretical Physics<br>Jamia Millia Islamia University, New<br>Delhi -110 025   | Phone : (011) 26141453 (O)<br>9899821135 (M)<br>E-mail : vsoni.physics@gmail.com  | Topological Structures,<br>Quark matter, QCD, etc.   |
| 144. | <b>Dr. K. Sriram</b><br>Department of Astronomy<br>University College of Science<br>Osmania University<br>Hyderabad -500 007   | Phone : 7702106240 (M)<br>E-mail : edusysriram@gmail.com<br>astrosriram@yahoo.co.in   | Accretion processes in<br>Compact Objects,<br>ULX's & AGN's,<br>Astrophysical Jets,<br>Studying contact binary<br>systems in clusters. |
| 145. | <b>Dr. Parijat Thakur</b><br>Department of Basic Sciences &<br>Humanities<br>Institute of Technology<br>Guru Ghasidas Central University<br>Bilaspur- 495009<br>Chhattisgarh | Phone : (07752) 260007 (O)<br>(0788) 4017785 (R )<br>7587096051 (M)<br>Fax : (07752) 260148<br>E-mail : parijatthakur@yahoo.com                               | Galactic Structure and<br>Dynamics, Investigating<br>Transiting Exoplanets,<br>etc.  |

| No.  | Name and Address  | Phone, Fax, and E-mail  | Research Interests   |
|------|---|---|--|
| 146. | <b>Dr. Arun Varma Thampan</b><br>St. Joseph's College<br>P.O. Box 27094<br>36, Lalbagh Road<br>Bangalore- 560027  | Phone : (080) 22211429 / 22274079 (O)<br>(080) 25834800 (R)<br>9449835496 (M)<br>Fax : (080) 22245831<br>E-mail : athampan@gmail.com<br>arunvarma@sjc.ac.in   | General Relativity,<br>Modelling of<br>observational data.   |
| 147. | <b>Dr. Sunil Kumar Tripathy</b><br>Department of Physics<br>Indira Gandhi Institute of<br>Technology<br>Sarang Dhenkanal<br>Dhenkanal - 759 146<br>Odisha   | Phone : (06768) 267025 (O)<br>(06768) 267025 (R) 8280295995 (M)<br>Fax :<br>E-mail : tripathy_sunil@rediffmail.com  | Cosmology, Relativity<br>and Gravitation: Late<br>time cosmic<br>acceleration- Dark<br>energy models,<br>Alternative theories of<br>gravity, Nuclear<br>Physics: Equation of<br>state of Nuclear Matter,<br>Neutron stars and Proto<br>Neutron star. |
| 148. | <b>Dr. Pranjal Trivedi</b><br>Department of Physics<br>Sri Venkateswara College<br>University of Delhi<br>Delhi- 110021<br><i>Address for correspondence:</i><br>C-11 University Flats<br>29-31 Chhatra Marg<br>Delhi -110007   | Phone : 9818505955, 9673759922 (M)<br>E-mail : pranjal.tri@gmail.com,<br>pranjal@associates.iucaa.in  | Cosmic Microwave<br>Background Radiation,<br>Non-Gaussianity,<br>Cosmological Magnetic<br>Fields.  |
| 149. | <b>Dr. Vinutha Tummala</b><br>Department of Applied<br>Mathematics<br>Andhra University<br>Visakhapatnam - 530 003<br>Andhra Pradesh  | Phone : (0891) 2844524 (O)<br>(0891) 2503116 (R) 9490235319 (M)<br>Fax :<br>E-mail : vinuthatummala@gmail.com   | Einstein's theory of<br>gravitation, scalar tensor<br>theories of gravitation<br>and dark energy<br>cosmological models in<br>order to explain the<br>expanding nature of the<br>Universe and other<br>properties.                                   |
| 150. | <b>Prof. Paniveni Udayashankar</b><br>Department of Physics<br>NIE Institute of Technology<br>Hootagalli Industrial Area<br>Kooragalli, Mysore 571 186<br>Karnataka<br><u>Address for Correspondence:</u><br>No. 46, 20 <sup>th</sup> Main, 1 <sup>st</sup> Cross<br>BTM 1 <sup>st</sup> Stage, 1 <sup>st</sup> Phase<br>Bangalore - 560 068<br>Karnataka | Phone : (0821) 2403734 (O),<br>(080) 26683549 (R)<br>9341214652 (M)<br>Fax : (0821) 2403732<br>E-mail : udayashankar@gmail.com,<br>paniveni.udayashankar@gmail.com,<br>paniveni@associates.iucaa.in | Structure and Properties<br>of Supergranulation,<br>etc.   |

| No.  | Name and Address  | Phone, Fax, and E-mail   | Research Interests  |
|------|---|--|---|
| 151. | <b>Dr. Rashmi Uniyal</b><br>Government Degree College<br>Tehri Garhwal<br>Narendranagar - 249 175<br>Uttarakhand  | Phone : 8006733214 (M)<br>Fax :<br>E-mail : rashmiuniyal001@gmail.com  | Classical Gravity and related phenomenon, geodesic structure, orbit structure and kinematics of geodesic flows around given spacetime backgrounds, weak and strong gravitational lensing and kinematics of deformation of null geodesics around various compact objects alongwith accretion phenomenon associated with these objects. |
| 152. | <b>Dr. Sanil Unnikrishnan</b><br>Department of Physics<br>St. Stephen's College<br>University Enclave<br>Delhi -110 007                                 | Phone : (011) 22503058 (R)<br>8860153808 (M)<br>E-mail : sanil.unni@gmail.com  | Cosmology in general, Dark Energy and Dark Matter Inflation and Early Universe Cosmology, Cosmological Perturbation Theory, Modified theory of gravity as an alternative to dark energy.  |
| 153. | <b>Prof. Anisul Ain Usmani</b><br>Department of Physics<br>Aligarh Muslim University<br>Aligarh - 202 002,<br>Uttar Pradesh                             | Phone : (0571) 2701001 (O)<br>(0571) 2721829 (R)<br>09412275671 (M)<br>Fax : (0571) 2701001<br>E-mail : anisul@associates.iucaa.in,<br>anisul.usmani@gmail.com | Many Body Theories, Physics of Strangeness.   |
| 154. | <b>Dr. Deepak Vaid</b><br>National Institute of Technology,<br>Surathkal<br>RM 217, Science Block NITK<br>Surathkal<br>Mangalore - 575 025<br>Karnataka | Phone : 0824 - 2473283 (O)<br>Fax :<br>E-mail : dvoid79@gmail.com  | Quantum Gravity.  |
| 155. | <b>Prof. Murli Manohar Verma</b><br>Department Of Physics, University Of<br>Lucknow,<br>Lucknow- 226007<br>Uttar Pradesh                                | Phone : (0522) 2740410 (O)<br>(0522) 2740140 (R)<br>9415725291 (M)<br>E-mail : sunilmmv@yahoo.com<br>murli.manohar.verma@cern.ch                               | Cosmology: Dynamics and diagnostics of the Interacting dark energy models especially quintessence and tachyonic field models.   |
| 156. | <b>Mr. Jaswant Kumar Yadav</b><br>Department of Physics<br>Central University of Haryana<br>Jant-Pali, Mahendergarh<br>Haryana - 123 031                | Phone : 7696951306 (M)<br>E-mail : jaswantkyadav@gmail.com<br>jaswant@nao.cas.cn   | Formation and Evolution of galaxies, Feedback Processes in galaxy formation, Chemical etc.  |