

Curriculum Vitæ

Department of Physics
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[Home page](#)

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Present positions

- Institute Chair Professor, Indian Institute Technology-Bombay; 03/2021 – till date
- Professor, Indian Institute Technology-Bombay; 07/2019 -

Previous positions

- Associate Professor, Indian Institute Technology-Bombay; 07/2017 - 07/2019
- Associate Professor, Indian Institute of Science Education and Research-Trivandrum, India; 09/2014-07/2017
- Assistant Professor, Indian Institute of Science Education and Research-Trivandrum, India; 08/2009-09/2014
- Marie Curie Fellow, Institute of Cosmology and Gravitation (ICG), Portsmouth, UK; 10/2007 - 07/2009
- Max Planck Fellow, Albert Einstein Institute (AEI), Golm, Germany; 08/2006 - 10/2007
- Post-doctoral Fellow, International Centre for Theoretical Physics (ICTP), Trieste, Italy; 10/2003-08/2006
- Post-doctoral Fellow, University of Azores, Açores, Portugal; 10/2002-09/2003

Education

- Ph. D., Inter University Center for Astronomy and Astrophysics, Pune, India; 2002
- M. Sc., Indian Institute of Technology-Madras, Chennai, India; 1997
- B. Sc. (Hons.), S. S. S. Institute of Higher Learning (Deemed University), Bangalore, India; 1995

Honors and Awards

- Essay received Honorable mention in gravity research contest by Gravity Research Foundation, USA; 2023
- Institute Chair Professorship. IIT Bombay; 2021 -
- Essay received Honorable mention in gravity research contest by Gravity Research Foundation, USA; 2019
- Essay received Honorable mention in gravity research contest by Gravity Research Foundation, USA; 2018
- Homi Bhabha Fellowship Awarded by Homi Bhabha Fellowships Council, India; 2018-20
- Shastri Research Grant Award-2017 (Jointly with Prof. Das, Lethbridge) Awarded by Shastri Indo-Canadian Institute, Canada
- B. M. Birla Science Prize in Physics-2014, B. M. Birla Science Centre, Hyderabad, India; 2015
- Essay received Honorable mention in gravity research contest by Gravity Research Foundation, USA; 2015
- Buti Foundation Award-2010, Indian Physics Association, Mumbai, India; 2012
- Head of the Partner Group of Max Planck Institute for Gravitational Physics, Golm, Germany; 2011-2018
- Associate of Indian Academy of Sciences, India; 2010-2013
- INSA Young scientist Award, Indian National Science Academy, India; 2010
- Ramanujan fellowship, Science and Engineering Research Council, India; 2010

- Essay recieved Honorable mention in gravity essay contest by Gravity Research Foundation, USA; 2009
- Marie Curie International Incoming Fellowship 2006 (Deferred for 1 year); 2007 - 2009
- Max Planck Fellowship; 2006-2008
- James Hartle award, best student oral presentation at GR-16 conference, Durban; 2001
- Ph. D. Fellowship, University Grants Commission (UGC), India; 1997-2002

Research summary

- *Research interests:* Black-holes, Cosmology, Quantum gravity phenomenology, Strong gravity signatures
- *100 publications in peer-reviewed international journal;* [full list in Inspire](#), [Google Scholar](#)
- *23 Post-doctoral Fellows supervising/supervised under several grants;*
18 undergraduate projects resulted in 12 publications;
- *Currently guiding 5 Ph.D. students;*
6 Ph.D. students succesfully defended;

Funding

- *SPARC Indo-US Proposal; Amount 4.00 Million; 06/2023-*
Co-PI Indian Side
 - *SERB Core research grant; Amount 3.00 Million; 03/2023-*
Sole Investigator at IIT Bombay
 - *MATRIX SERB Proposal; Amount: INR 0.63 Million; 01/2020-02/2023*
Sole Investigator at IIT Bombay
 - *ISRO RESPOND Proposal; Amount: INR 6.4 Millon; 07/2018-*
Principal Investigator at IIT Bombay
 - *Shastri Research Grant Award; CAD 6500; 02/2018-12/2018*
Principal Investigator, IIT Bombay
 - *IRCC Seed grant, IIT Bombay; INR 2 Million; 10/2017-*
Sole-investigator, IIT Bombay
 - *Center for Computation, Modeling and Simulation, FAST, MHRD; Amount: ₹ 40 Million; 08/2014-07/2017*
Coprincipal investigator along with 6 other faculty members at IISER,Trivandrum
 - *Max Planck-India Partner group; 05/2011-06/2018*
Sole investigator, IISER-TVM; Amount: ₹ 13 Million
 - *Ramanujan Fellowship, DST-India; 02/2010- 12/2015*
Sole investigator, IISER-TVM; Amount: ₹ 7.3 Million
 - *European Commission FP6 project MC-IIF-2006-039205; 10/2007-07/2009*
Principal investigator, ICG, Portsmouth; Amount: €160,000
Project title: Probing quantum gravitational physics via inflation
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