Dr. Arghya Dutta

Assistant Professor
Department of Physics, SRM University AP
Mangalagiri – 522204, Andhra Pradesh, India
Email: arghya.d@srmap.edu.in
Web: https://arghyadutta.github.io
Publications: Google scholar

Positions

2024–	Assistant professor, Department of Physics, SRM University, Andhra Pradesh, India
2021–2024	Guest Scientist, Max Planck Institute for Polymer Research, Mainz, Germany
2021–2024	Postdoctoral fellow, Institute of Biochemistry II, Goethe University, Frankfurt, Germany
2018–2021	Postdoctoral fellow, Max Planck Institute for Polymer Research, Mainz, Germany
2017–2018	Postdoctoral fellow, Leibniz Institute for Polymer Research, Dresden, Germany
2016–2017	Postdoctoral fellow, Institute Charles Sadron, CNRS, Strasbourg, France
2014–2016	Postdoctoral fellow, Institute of Mathematical Sciences, Chennai, India

Courses taught

Engineering physics (B.Tech.)
Statistical mechanics (B.Sc.)
Statistical mechanics (M.Sc.)
AI for Complex Systems (B.Tech.)
Introduction to Python and R (B.Sc.)
Machine Learning for Physical Systems (M.Sc.)
Data Analysis and Modeling (M.Sc.)

Education

2014	Ph.D. (Physics), S. N. Bose National Centre for Basic Sciences, Kolkata, India (Advisor: Prof. Jayanta K. Bhattacharjee. Degree awarded by University of Calcutta)
2009	M.Sc. (Physics), 8.74/10, S. N. Bose National Centre for Basic Sciences, Kolkata, India
2007	B.Sc. (Physics), 70.5%, University of Calcutta, Kolkata, India

Research fellowships

2014–2016	Postdoctoral Research Fellowship, Institute of Mathematical Sciences, India
2013	Travel Grant, International Centre for Theoretical Physics, Italy
2011–2014	Senior Research Fellowship, CSIR, India
2009–2011	Junior Research Fellowship, CSIR, India

Achievements and awards

2012	Best poster, DAE Solid State Physics Symposium, IIT Mumbai, India
2009	Junior Research Fellowship & Lectureship, Council of Scientific and Industrial Research, India
2007	All-India top 1% in the National Graduate Physics Examination, IAPT
2007	All-India rank 125 in the Joint Entrance Screening Test
2007	All-India rank 23 (Physics), Joint Admission Test for M.Sc., IIT

Professional activities

I've reviewed articles for:

- Computational Biology and Chemistry
- Scientific Reports
- Journal of Chemical Sciences
- Chemical Papers
- Journal of Applied Physics