Debojit Chanda

Prime Minister's Research Fellow
Department of Physics, IIT Kanpur

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Education

2020–Present	**Pursuing Ph.D.** in Physics, **Indian Institute of Technology Kanpur**, Uttar Pradesh, India Soft and Active Matter Lab, *Supervisor:* Dr. Manas Khan
2018–2020	M.Sc. in Physics, **Indian Institute of Technology Kanpur**, Uttar Pradesh, India
2015–2018	B.Sc. in Physics, **Ramakrishna Mission Vidyamandira**, West Bengal, India (Affiliated to *University of Calcutta*)

Ph.D. Courses

Semester 1	Advanced Statistical Mechanics, Non-Equilibrium Statistical Mechanics
Semester 2	Optical microscopy & Bioimaging, Introduction to Physics of Polymeric System

Colloquiums Attended

2021 Poster Presentation, COMPLEX FLUIDS AND SOFT MATTER (CompFlu) 2021
(Organised by *Indian Institute of Technology Gandhinagar*, India)

2019 Participant, Young Physicists' Colloquium 2019
(Organised by *Saha Institute of Nuclear Physics*, India)

Scholarships

2015-2020 **DST-INSPIRE Scholarship for Higher Education** (SHE) during *B.Sc.* and *M. Sc.*
(Awarded to *top 1%* in 12^{th} (+2 level) who pursued higher studies in basic science)

Other Academic Highlights

2021 Selected as **Prime Minister's Research Fellow** (*PMRF, May-2021*)
2020 Secured **AIR 101** in Joint Entrance Screening Test (*JEST*)
2020 Qualified Graduate Aptitude Test in Engineering (*GATE*) with score 540
2020 Qualified TIFR GS2020, called for interview.
2019 Secured **AIR 119** (*JRF*) in Joint CSIR-UGC National Eligibility Test (*NET*) in Physics
2018 Secured **AIR 60** in Joint Entrance Screening Test (*JEST*)
2018 Secured **AIR 69** in Joint Admission test for Masters (*JAM*)

Academic Experiences

Summer Intern, May 2019 – July, 2019, *Saha Institute of Nuclear Physics, Kolkata, India*
Topic: Formation of Protonated Bases of RNA: DFT Studies
Supervisor: Prof. Dhananjay Bhattacharyya, SINP

M.Sc. Project, August 2019 – May, 2020, *Indian Institute of Technology Kanpur, Kanpur, India*
Topic: Transverse Stiffness of a Deformed Erythrocyte to Pass Through Narrow Curved Capillaries
Supervisor: Dr. Manas Khan, IIT Kanpur

PHY473A Project, March 2019 – April, 2019, *Indian Institute of Technology Kanpur, Kanpur, India*
Topic: Mangalyaan: A Simulation of ISRO's mission using Python
Instructor: Prof. Mahendra K. Verma, IIT Kanpur (Course: *Computational Physics PHY473A*)

B.Sc. Project, January 2018 – May, 2018, *Ramakrishna Mission Vidyamandira, Howrah, India*
Topic: Origin of Stochastic Behaviour of the Fundamental Cellular Process
Supervisor: Late **Dr. Rajesh Karmakar**, RKMV