

CURRICULUM VITAE

Personal Details

Name: Rashmيرانjan Bhutia

Designation: Integrated PhD Student, Tata Institute of Fundamental Research, Hyderabad

Date of Birth: 10-05-1999

Email: Rashmيرانjanb@tifrh.res.in, rashmيرانjanbhutia07@gmail.com

Contact Number: +91 8328924279



CURRICULUM VITAE

Personal Details

Name: Rashmيرانjan Bhutia

Designation: Integrated PhD Student, Tata Institute of Fundamental Research, Hyderabad

Date of Birth: 10-05-1999

Email: Rashmيرانjanb@tifrh.res.in, rashmيرانjanbhutia07@gmail.com

Contact Number: +91 8328924279

Education Qualification

Degree	Institute	Period	Marks
--------	-----------	--------	-------

Higher Secondary	Royal Commerce and Science College, Bhadrakh, Odisha	2015-2017	74%
Bachelor of Science	Vyasanagar Autonomous College, Utkal University	2018-2021	86%
Master of Science	TIFR Center for Interdisciplinary Sciences	2021-2024	73%
Doctorate in Philosophy (Pursuing)	TIFR, Hyderabad	2024 onwards	—

Subjects Taken in MSc

Mathematical Method
 Classical Mechanics
 Electrodynamics
 Experimental Method
 Quantum Mechanics
 Statistical Mechanics
 Advanced Statistical Mechanics
 Physics of Disordered Systems
 Molecular Dynamics
 Numerical Methods
 Condensed Matter Physics

Work, Experiences, Skills

Programming in Fortran, Python, C, HTML, LaTeX
 Software knowledge: Mathematica, MATLAB, Inkscape
 Summer Project: Lattice Boltzmann method for fluid simulation under Dr. Kabir Ramola, TCIS, Hyderabad
 Online certificate courses on Special Theory of Relativity, Classical Mechanics, Classical Electrodynamics, and learning physics through experiments by Prof. H.C. Verma, IIT Kanpur
 Domestic Data Entry Operator (Through PMKVY)

Postgraduate Diploma in Computer Application, CSC

National Qualified Exams

IIT JAM 2021 – AIR 364

JEST 2021 – AIR 81

Seminars and Conferences Attended

Stochastic Thermodynamics in Biology – IIT Bombay

Finite Volume and Spectral Methods for Hyperbolic Problems – TIFR-CAM

Steady-state Phenomena in Soft Matter, Active, and Biological Systems – S.N. Bose National Centre for Basic Sciences

Bangalore School on Statistical Physics-XV at ICTS

Research Interests

Non-equilibrium Statistical Mechanics

Disordered Systems

Fluid Dynamics

Hobbies

Reading Storie Books

Playing Musical Instruments

Permanent Address

Jajpur, Odisha, Pin - 755025

References

Dr. Kabir Ramola – kramola@tifrh.res.in

Prof. Mustansir Barma – barma@tifrh.res.in

Dr. Prasad Perlekar – perlekar@tifrh.res.in