

Himanshu Bora

📍 Kamrup College • Chamata, Assam, India

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Personal Information

Date of birth : December 21, 1996

Sex : Male

Nationality: : Indian

Languages: : English (*Full Professional Working Proficiency*)
Assamese (*Native*) • Bengali • Hindi

Education

- 2015 – 2020 **Integrated M.Sc. in Physics**
Dibrugarh University – Dibrugarh, Assam, India
Specialization: High Energy Physics
CGPA: 8.27/10.00
- 2012 – 2015 **HSSLC (12th Standard)** Stream: Science
Board: Assam Higher Secondary Education Council (AHSEC)
Sarupathar H.S. School – Sarupathar, Assam, India
Percentage: 90.40% (99.9+ percentile)
- 2012 **HSLC (10th Standard)**
Board: Board of Secondary Education, Assam (SEBA)
Dayanand Vidya Niketan – Sarupathar, Assam, India
Percentage: 90.00% (99.9+ percentile)

Professional Experience

- August 2022 – present **Assistant Professor** (*tenured*)
Department of Physics
Kamrup College – Chamata, Assam, India
- November 2021 – April 2022 **Lecturer** (*on contract*)
Department of Physics
Dibrugarh Hanumanbax Surajmall Kanoi College – Dibrugarh, Assam, India

Research experience

- October 2020 – July 2021 Dibrugarh University – Dibrugarh, India
Topic: Geometrothermodynamics of CR-BTZ Black Hole
Guide: Dr. Prabwal Jyoti Phukon, Dibrugarh University, Dibrugarh, India

June 2017 Bharathiar University – Coimbatore, India (under FAST-SF program)
 –August 2017 **Title:** A Transformation Method for Construction of Exactly Solvable Potentials
Guide: Prof. S. Saravanan, Bharathiar University, Coimbatore, India

Honors, Awards and Scholarships

June 2021 Awarded **INSPIRE Fellowship 2020** provisionally for doctoral research by Department of Science and Technology, Government of India (*provisional award not availed*)

May 2021 Awarded **Junior Research Fellowship** by Council of Scientific and Industrial Research, India through **Joint CSIR-UGC NET Examination, June 2020** (held in November 2020), *All India Rank-149 (99.51 percentile)*

May 2021 Obtained eligibility for **Lectureship / Assistant Professor** in Physical Sciences through **Joint CSIR-UGC NET Examination, June 2020** (held in November 2020), *All India Rank-149 (99.51 percentile)*

February 2020 Qualified **Graduate Aptitude Test in Engineering-2020 (GATE-2020)** in Physics organised jointly by IISc/IITs (held in February 2020)

2017 Awarded **Focus Area Science Technology Summer Fellowship** jointly by Indian Academy of Sciences (Bengaluru); Indian National Science Academy (New Delhi) and The National Academy of Sciences (Prayagraj)

2015-2020 Awarded **INSPIRE-SHE Scholarship** by Department of Science and Technology, Government of India (*awarded to top 1% students in India in 10+2, pursuing basic sciences*)

2012 Awarded **Anundoram Borooah Award-2012** with distinction by Government of Assam (*awarded to First Division holders in HSLC Examination, 2012 conducted by SEBA, Assam*)

Schools, Workshops and Conferences Attended

May 26 – 30, 2022 Workshop on Space and Atmospheric Sciences' Research Tools by Department of Physics, Dibrugarh University

May 17 – 20, 2022 Online Workshop on High Performance Computing for Computational Fluid Dynamics Applications by Indian Institute of Technology, Bombay and Center for Development of Advanced Computing (C-DAC)

October 29 – 30, 2021 Online Workshop on High Performance Computing and AI for Computational Biology by Indian Institute of Technology, Kharagpur and Tezpur University, Tezpur

October 21 – 22, 2021	Online Workshop on High Performance Computing in Engineering by Indian Institute of Technology, Kharagpur and Ansys
September 20 –23, 2021	Online Workshop on High Performance Computing for Astrophysics and Astronomy by Square Kilometer Array-India Consortium and Indian Institute of Technology, Kharagpur
May 10 – June 11, 2021	Introductory Summer School in Astronomy and Astrophysics by IUCAA, Pune, India (<i>online mode</i>)
August 17 –31, 2021	Workshop on Particle Physics, 2020 by Assam Don Bosco University, Guwahati, Assam, India (<i>online mode</i>)
January 7 –11, 2019	Workshop on Celestial Mechanics and Dynamical Astronomy by Central University of Rajasthan, Ajmer, Rajasthan, India
October 7 –13, 2018	Workshop on Gravitation and Gravitational Waves by Assam University, Silchar, Assam, India
February 22 – March 3, 2017	ARIES Training School in Observational Astronomy-2017 by Aryabhata Research Institute of Observational Sciences, Nainital, India
November 2 – 4, 2016	National Workshop on Gravitational Wave Astronomy by Dibrugarh University, Dibrugarh, Assam, India
June 21 – July 12, 2016	CCSU Astronomy and Astrophysics Summer School-2016 by Cotton College State University, Guwahati, Assam, India
November 2 – 5, 2021	National Conference on Current Issues in Cosmology, Astrophysics and High Energy Physics by Dibrugarh University, Dibrugarh, Assam, India

Technical skills

Languages

Proficient in: Python

Familiar with: C, Fortran, OpenMP, OpenACC, HTML, CSS

Softwares

Document Processing: \LaTeX , LibreOffice

Operating Systems: Linux

Others: Git, Wolfram Mathematica

Other Qualifications

B.A. in Fine Arts from Sarbabharatiya Sangeet-O-Sanskriti Parishad, Kolkata, 2014

Other Interests

Quizzing: Founder and Joint Co-ordinator of Dibrugarh University Debate and Quiz Forum • Represented Dibrugarh University in 50+ quiz competitions at university level, district level and state level

Sports: Badminton

Others: Fine Art and Graphic Design

References

To be produced on demand