

Himanshu Bora

📍 Kamrup College • Chamata, Assam, India

✉ hvbora@gmail.com ☎ +91 84866 09233 🌐 <https://hvbora.github.io>

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

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| 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, C++, Fortran, HTML

Softwares

Document Processing: \LaTeX

Operating Systems: UNIX, Windows

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