

# Himanshu Bora

📍 DHSK College • Dibrugarh, 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: 90.40% (99.9+ percentile)

## Professional Experience

- November 2021     **Lecturer** (*on contract*)  
–April 22     Department of Physics  
Dibrugarh Hanumanbax Surajmall Kanoi College – Dibrugarh, Assam, India

## Research experience

- October 2020     Dibrugarh University – Dibrugarh, India  
–July 2021     **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 <b>INSPIRE Fellowship 2020</b> provisionally for doctoral research by Department of Science and Technology, Government of India ( <i>provisional award not availed</i> )
May 2021	Awarded <b>Junior Research Fellowship</b> by Council of Scientific and Industrial Research, India through <b>Joint CSIR-UGC NET Examination, June 2020</b> (held in November 2020), <i>All India Rank-149 (99.51 percentile)</i>
May 2021	Obtained eligibility for <b>Lectureship / Assistant Professor</b> in Physical Sciences through <b>Joint CSIR-UGC NET Examination, June 2020</b> (held in November 2020), <i>All India Rank-149 (99.51 percentile)</i>
February 2020	Qualified <b>Graduate Aptitude Test in Engineering-2020 (GATE-2020)</b> in Physics organised jointly by IISc/IITs (held in February 2020)
2017	Awarded <b>Focus Area Science Technology Summer Fellowship</b> jointly by Indian Academy of Sciences (Bengaluru); Indian National Science Academy (New Delhi) and The National Academy of Sciences (Prayagraj)
2015-2020 (duration)	Awarded <b>INSPIRE-SHE Scholarship</b> by Department of Science and Technology, Government of India ( <i>awarded to top 1% students in India in 10+2, pursuing basic sciences</i> )
2012	Awarded <b>Anundoram Borooah Award-2012</b> with distinction by Government of Assam ( <i>awarded to First Division holders in HSLC Examination, 2012 conducted by SEBA, Assam</i> )

## Schools, Workshops and Conferences Attended

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, C++, Fortran, HTML

### Softwares

Document Processing:  $\text{\LaTeX}$

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