

▶. Bristy Borgohain

Dept. of Botany,
Dibru College
Dibrugarh, Assam-786003
Phone: 7002331971
E-mail: bristybgohain230@gmail.com

Objectives

[Type the objectives]

Education/Qualification

High School Leaving Certificate Examination (2012)

- ▶ Board of Secondary Education, Assam

Higher Secondary Examination (2014)

- ▶ Assam Higher Secondary Education Council

B.Sc. in Botany (2017)

- ▶ Dibrugarh University

M.Sc. in Life Sciences (Botany) Specialization: Cytogenetics and Crop Improvement (2019)

- ▶ Dibrugarh University

M.Sc. in Life Sciences (Botany) Specialization: Cytogenetics and Crop Improvement (2019)

- ▶ Dibrugarh University

GATE-XL (2020)

- ▶ Life Sciences

Joint CSIR-UGC NET (2021)

- ▶ Life Sciences

SLET-NER (2021)

- ▶ Life Sciences

Ph.D. Pre-Registration Course Work (2021)

- ▶ Dibrugarh University

Diploma in Computer Application (2017)

- ▶ Moran College

Experience

Ph.D. Research Scholar (2021)
Dept. of Life Sciences (Dibrugarh University)
Dibrugarh, Assam-786004

Assistant Professor (01-06-2023)
Dept. of Botany (Dibru College)
Dibrugarh, Assam-786003

Research Papers

1. **Borgohain, B.**, Neog, B. and Saikia, P. (2021). *Elaeagnus latifolia* (Linn), An underutilized Fruit of North-East India: A Comprehensive Review. *Research Journal of Agricultural Sciences*, 12 (6): 2261-2266. ISSN No: 0976-1675
2. **Borgohain, B.**, Barthakur, A., Neog, B. and Saikia, P. (2022). A Review on Botanical Characteristics, Bioactive Compounds and Traditional Uses of Some Selected Unconventional Fruits of Upper Brahmaputra Valley, Assam. *Asian Journal of Biological and Life Sciences*, 11(3): 647-655. e-ISSN No: 2278-5957
3. **Borgohain, B.**, Neog, B., and Saikia, P. (2023). The genus *Elaeagnus* as a potential source of antioxidant lycopene, an anti-cancer agent: A review. *Research Journal of Agricultural Sciences*, 14(1): 150-155. ISSN No: 0976-1675
4. Saikia, P., Neog, B., **Borgohain, B.**, Baruah, D., Gogoi, N., Borthakur, A., & Gogoi, A. (2023). Quantification of 2-acetyl-1-pyrroline in joha rice and it's correlation with agro-morphological characters with special reference to upper Brahmaputra valley, Assam, India. *Flora and Fauna*, 29(1): 03-10. ISSN No: 2456 – 9364
5. Saikia, P., Neog, B., **Borgohain, B.**, Gogoi, D., & Gogoi, N. (2023). Distribution of volatile compounds of traditional aromatic Joha rice (*Oryza sativa* L.) of upper Assam, India. *Thai Journal of Agriculture*, 56(2), 115–126. ISSN No: 0049-3589

Book Chapters

1. **Borgohain, B.**, Neog, B. and Saikia, P. (2021). Assessment of genetic diversity among four epiphytic orchids 'Cymbidium species' from Sikkim using RAPD markers. In Ed. Sonowal, J., Phangchopi, U. and Rahman, S. *Current Biological Research*: 45-53 ISBN No: 978-93-5566-144-9

2. **Borgohain, B.**, Gogoi, P. and Saikia, P. (2021). Scenerio of Indigenous Rice Germplasm and its Heritage in Assam- A Review. In Ed. Saikia, S., Chutia, N. and Gogoi, Y. *Society Economy and Politics of North East India*: 117-124 ISBN No: 978-93-90919-68-0
3. Gogoi, P., **Borgohain, B.** and Saikia, P. (2021). An Overview of the Impact of Global Climatic Change on Ecosystem and Biodiversity. In Ed. Islam, N., Haque, M.J., Ojha, D. and Miah, C. *Wisdom of the Scientific Research*, 2: 13-18 ISBN No: 9783964923806

Conferences/Workshops

1. Presented a paper entitled ‘*Gene Encoding for BADH2 in Relation to Joha Rice of Assam- A Review*’ in the **National Seminar on Trends in Biological Sciences and Sustainable Development** organized by Department of Life Sciences, Dibrugarh University on 5th and 6th of February, 2020.
2. Participated in an **Orientation Program on “Assam Biodiversity Portal”** organized by Ashoka Trust for Research in Ecology and the Environment (ATREE) in collaboration with Department of Life Sciences, Dibrugarh University, held on 24th of March, 2018.
3. Participated in **“IP Awareness/Training program” under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)** organized by Intellectual Property Office, India, on January 06, 2022.
4. Participated in **Hands-on Training (Skill Development Programme) on “Column Chromatography and Rotary Evaporator”** organized by Department of Pharmaceutical Sciences, Dibrugarh University in collaboration with I-STEM, held from 4-6 July and 12-14 July, 2022.
5. Participated in **One-Week Hands-on Training Program on “Sophisticated Analytical Instrumentation Techniques for Basic Research and Development”** organized by Department of Chemistry, Dibrugarh University

in collaboration with STUTI, DST, GOI, held from 24th-30th August, 2022.

6. Participated in the **Two Day Induction Training Programme for the Newly Appointed Assistant Professors** organized by Higher Education Department, Government of Assam on 25th and 26th July 2023 at the Assam Administrative Staff College, Khanapara, Guwahati-22.
7. Participated in the **Online Month-long Faculty Induction Programme (FIP)** organized by Teaching Learning Centre, Tezpur University under PMMMNMTT Scheme of Ministry of Education, Government of India from 02-31 August 2023.