

BIODATA

OBJECTIVE: To utilize my knowledge and skill for the purpose of innovation, improvement and exploration in the field of Life Sciences (Botany).

PERSONAL DETAILS:

Name: BRISTY BORGOHAIN
Date of Birth: 22/08/1995
Gender: FEMALE
Religion & Caste: HINDUISM, OBC
Name of Guardian: PRANIT SAIKIA (Husband)
Marital Status: MARRIED
Languages Known: ASSAMESE, ENGLISH, HINDI
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EDUCATIONAL QUALIFICATIONS:

| Sl. No. | Qualifying Exam/ Degree | Name of Board/University | Year of Passing | Division secured | Percentage of Marks obtained |
|---------|---|--|----------------------|------------------|------------------------------|
| 1. | High School Leaving Certificate Examination | Board of Secondary Education, Assam | 2012 | 1 | 82.67 |
| 2. | Higher Secondary Examination | Assam Higher Secondary Education Council | 2014 | 1 | 71.6 |
| 3. | B.Sc. in Botany | Dibrugarh University | 2017 | 1 | 86 |
| 4. | M.Sc in Life Sciences (Botany) | Dibrugarh University | 2019 | 1 | 81.5 |
| 5. | Other Qualifications (i) | a) JOINT CSIR-UGC NET b) N.E SLET c) GATE XL | 2020 2021 2020 | | |
| | (ii) Diploma course | DCA | 2017 | 'A' grade | |
| | (iii) Ph.D. Pre-Registration Course Work | Dibrugarh University | 2021 | 1 | 85 |

Teaching Experience:

1. Three (03) months teaching experience as guest faculty in the Department of Botany, Gargaon College, during the period from 19/05/2022 to 18/08/2022.

Research experience:

1. Pursuing Ph.D. work on the topic titled “Phytochemical evaluation and Genetic diversity study of *Elaeagnus latifolia* Linn. from upper Brahmaputra valley, Assam”, in the Department of Life Sciences, Dibrugarh University (Date of registration: 25.03.2022).

Details of Publications with ISSN Nos:

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, N., & Gogoi, D. (2023). Distribution of volatile compounds of traditional aromatic Joha rice (*Oryza sativa* L.) of upper Assam, India. *Thai Journal of Agricultural Science*, 56(2), 115-126.

Details of Chapters with ISBN Nos:

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

Seminar presentation

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. Presented a paper entitled 'Evaluation of Phytochemical contents from the fruits of *Elaeagnus latifolia* L.' in the Assam Botany Congress (ABC)-03 and International Conference on Biodiversity and Climate Change: Challenges and Opportunities for Nature-Based Solutions held at Dibrugarh University from 11-13th November, 2024.

Workshops/Training attended

1. 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.
2. 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, 5-6th February, 2020.
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. Presented a paper entitled 'Evaluation of Phytochemical Contents from the fruits of *Elaeagnus latifolia* L.' in the ABC-03, and International Conference on Biodiversity and Climate Change: Challenges and Opportunities for Nature Based Solutions, held at Dibrugarh University, 11-13th November, 2024.
8. One Month FIP, organized by Teaching Learning Centre, Tezpur University, 02-31 August 2023 under PMMMNMTT, Scheme of Ministry of Education, GoI
9. One Week National Level Online Faculty Development Program on 'Digital Pedagogy: ICT & AI assisted teaching in-line with OBE & NEP' organized by The Internal Quality Assurance Cell (IQAC) of both St. James College of Nursing and St. James College of Pharmaceutical Sciences, Chalakudy in association with The Kerala State Higher Education Council, 29 May 2024 - 05 Jun 2024
10. 'NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME' under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MMTTC), Staff Training and Research Institute of Distance Education (STRIDE), Indira Gandhi National Open University (IGNOU), Maidan Garhi, New Delhi from 6th to 15th January, 2025.

DECLARATION: I hereby declare that all the above-mentioned information's are true to the best of my knowledge

DATE: 20-03-2025

PLACE: Dibrugarh

SIGNATURE