

CV of Dr. Birina Bhuyan

Name : Dr. Birina Bhuyan  
Designation: : Assistant Professor  
Address for Communication: (office) : Department of Botany  
Girijananda Chowdhury University  
Hathkhowapara Azara, Assam  
Mobile & ☎ No.: 9101245488  
Email: birinabhuyan305@gmail.com

Date of Birth : 28-07-1993

**Educational Qualifications:**

| Sl. No | Examination Passed         | Year of passing | Board / Council / University | Specialization          |
|--------|----------------------------|-----------------|------------------------------|-------------------------|
| 1      | HSLC/10 <sup>th</sup> Std. | 2009            | CBSE                         | -                       |
| 2      | HSSLC/10+2 Std.            | 2011            | CBSE                         | Science                 |
| 3      | Degree (B.Sc.)             | 2014            | Gauhati University           | Botany (Major)          |
| 4      | Master's Degree            | 2016            | Bodoland University          | Botany (Plant Taxonomy) |
| 5      | Ph. D.                     | 2024            | Bodoland University          | Botany (Taxonomy)       |

Languages known: Read: English, Assamese and Hindi.

Write: English, Assamese and Hindi.

Speak: English, Assamese and Hindi.

Academic/ Administrative Experience: 5 years of teaching experience.

## List of Publications:

1. Baruah, S & **Bhuyan Birina**. (2018). Foliar Micromorphological Characters of certain species of *Senna* Mill. with emphasis on Taxonomy. *Advances in Botanical Research in North East India*. S K Borthakur, A Bawri & N Nath (eds). EBH Publisher. pp. 124- 135. [ISBN: 978-93-86302-52-6].
2. **Birina Bhuyan**, Baruah S & Mehmud S. (2021). *Ophiorrhiza recurvipetala* (Rubiaceae) sp. nov. From Assam India. *Nordic Journal of Botany*. 39(3).
3. **Birina Bhuyan** & Baruah S. (2021). Occurrence of vivipary in *Ophiorrhiza rugosa* Wall. *Journal of threatened taxa*. 13(8).
4. Baruah S, Barman P, Basumatary S & **Bhuyan Birina** (2021). Diversity and Ethnobotany of genus *Garcinia* L (Clusiaceae) in Assam, Eastern Himalaya. *Ethnobotany Research & Applications*. 21(33).
5. Baruah M, Dey D, Baruah S K, Paul M, **Bhuyan Birina** & Devi N. (2021). *Sterculia striatiflora* Mast (Malvaceae s.l.) A new addition to the flora of Assam. *Plant Science Today*. 8(3).
6. **Birina Bhuyan** & Baruah S. (2022). On the extended distribution of two species of *Ophiorrhiza* L. (Rubiaceae) from the state of Assam. *Plant Science Today*. 9(4):1085-1089.
7. **Birina Bhuyan** & Baruah S. (2023). Taxonomy of *Ophiorrhiza fasciculata* D. Don (Rubiaceae), a Lesser known species of Assam. *Advanced Botany (Volume-4)*, Akhnik Publications, ISBN 978-93-5570-795-6.
8. Yashpal B , Mumtam T , Yugandhar P, Srinivasulu C, **Birna Bhuyan**, Shiddamallayya M. (2023). Traditional and common millet-based food recipes of the tribal communities of Arunachal Pradesh. *Journal of Drug Research in Ayurvedic Sciences*.8:S121-130.
9. Srinivasulu C, Ramanjaneyulu G, Jagadeeswar R.K, Yugandhar P, Yashpal B, **Birina Bhuyan**, Mumtam T, Shiddamallayya N, Rajeswara R.S. (2023). Computational screening of foxtail millet (*Setaria italica* (L.) P.Beauv.) polyphenols for finding  $\beta$ -secretase (BACE 1) inhibitors that target the amyloidogenic pathway in Alzheimer's disease. *Journal of Drug Research in Ayurvedic Sciences*.8:S131-139.
10. Yashpal B, Yugandhar P, Shiddamallayya M, Srinivasulu C, Sudhansu M, **Birna Bhuyan**, (2024). Exploration of medicinal plants diversity of Ri-Bhoi district, Meghalaya. *Journal of Drug Research in Ayurvedic Sciences*. 9(4):222-246.
11. Basumatary T, Wary R, Brahma P, **Birina Bhuyan**, Baruah S. 2024. Ethnomedicinal study on roots and rhizomes used by the Bodo community of Kokrajhar district of Assam (India). *Pleione*. 18(2):159-166.
12. Medhi A, Malakar R, **Bhuyan Birina**, Deka S, Adhikary K. (2023). A comprehensive Review on Anticancer and Antitumour Potentials of Indigenous Plants found in Northeast India. *Natural Medicine*, 1:188-199, **Bentham Science Publishers**, ISBN 978-981-5080-41-4.
13. Yaspal B, **Birina Bhuyan**, Pulichera Y, Shiddamallayya N, Srinivasulu C, Taboh M, Taba Y. (2025). Ethnomedicinal plants used for gastro-intestinal disorders (GIDs) by the tribal communities of Arunachal Pradesh (Eastern Himalayas), India: A comprehensive review. *Ethnobotany Research and Application*. 30(05). 10.32859/era.30.5.1-39
14. S. Baruah, A. Gowala, P. Brahma, **Birina Bhuyan**. (2025). Quantitative approach to unveiling indigenous knowledge on medicinal plants of tea tribes of Dhubri district, Assam, India. *Proceedings of the Indian National Science Academy*. <https://doi.org/10.1007/s43538-025-00444-9> (Springer Nature).

Research Experience: 6 years

- Doctoral thesis guided : -
- Research & Consultancy Projects: -

Membership of Professional bodies: -

1. Award, Fellowship & Recognition: Awarded as **Best Oral Presenter** in a **National seminar on Plant Taxonomy and Traditional Knowledge in the Himalayas and North-East India** held on 21-22 February 2022 jointly organised by Department of Botany, Rajib Gandhi University, East Himalayan Society of Spermatophytes Taxonomy and Botanical Survey of India.
2. Received Junior Research Fellowship (JRF) of mega project under National Medicinal Plant Board (NMPB), Govt. of India.

*Birina Bhuyan*

Date: 21-08-2025

Signature