

## **CURRICULUM VITAE**

### ***Part- I Basic Information***

1. Name of the Faculty Member : **DR. PRANTIK SHARMA BARUAH**
2. Date of Birth : 16-10-1990
3. Father's Name : Late Prashanta Kumar Sharma Baruah
4. Mother's Name : Late Runu Sharma
5. Present Address : Seuj Nagar, Town Morikolong, Nagaon
6. Date of Joining : 04-10-2019
7. Present designation : Assistant Professor
8. Details of Qualification



<b>Name of the Examination Passed</b>	<b>Name of the Board/ Council/ University</b>	<b>Year of Passing</b>	<b>Division/ Class</b>
<b>HSLC</b>	SEBA	2007	1 <sup>st</sup>
<b>AISSCE</b>	CBSE	2009	1 <sup>st</sup>
<b>B. Sc.</b>	Dibrugarh University	2012	1 <sup>st</sup> class (2 <sup>nd</sup> Position)
<b>M. Sc.</b>	Gauhati University	2014	1 <sup>st</sup> class (2 <sup>nd</sup> Position)
<b>Ph.D.</b>	Gauhati University	2015 (Enrolment) 2019 (Awarded)	Course work (Grade A)
<b>Specialisation</b>	Angiosperm Taxonomy		

### ***Part- II : Information of Annual Development***

- Title of the Thesis : **“Taxonomy and conservation of *Mesua assamica* (King et Prain) Kosterm. – An endangered plant of Assam”.**
- Name of the Institute : **Gauhati University**
- Year and Number of Registration : **2015 and No: BOT-02/15**
- Name of the Supervisor : **Prof. Sachin Kumar Borthakur**

## I. Total Number of Publications:

Number of Research Paper published in SCOPUS/UGC approved Journal	: 14
Number of Book Chapter published in ISBN Books	: 04

### A. Research Paper publication:

1. **Baruah, P.S.,** Borthakur, S.K., & Tanti, B. (2016). Conservation of *Mesua assamica* (King and Prain) Kosterm.– An endangered plant of Assam. *NeBIO– An International Journal of Environment and Biodiversity*. **7(1)**: 17–22.
2. **Baruah, P.S. & Borthakur S.K. (2016).** Formulation of an herbal mosquito repellent. *Annals of Plant Sciences*. **5(12)**: 1463-1465.
3. Deka, K., **Baruah, P.S.,** Sarma, B., Borthakur, S.K. & Tanti, B. (2017). Preventing extinction and improving conservation status of *Vanilla borneensis* Rolfe- A rare, endemic and threatened orchid of Assam, India. *Journal for Nature Conservation*. **37**: 39-46. (*Elsevier*).
4. **Baruah, P.S.,** Deka, K., Sarma, B., Das, P., Borthakur, S.K. & Tanti, B. (2017). Assessment of few unexplored RET plant wealth of Assam, India. *Journal of Advanced Plant Sciences*. **9(2)**: 10-15.
5. Borthakur, S.K., **Baruah, P.S.,** Deka, K., Das, P., Sarma, B., Adhikari, D. & Tanti, B. (2018). Habitat distribution modelling for improving conservation status of *Brucea mollis* Wall. ex Kurz.– An endangered potential medicinal plant of Northeast India. *Journal for Nature Conservation*. **43**: 104-110. (*Elsevier*).
6. Saikia, D., **Baruah, P.S.,** Hasnu, S., Nath, S., Akhtar, S., Tanti, B. (2018). Phytochemical screening and antioxidant activity of leaf extract of *Phlogacanthus thyrsiflorus* Nees.- A medicinal plant of Assam, India. *Bioscience Discovery*. **9(2)**: 237-243.
7. Borah, G., **Baruah, P.S.,** Lahkar, L. & Tanti, B. (2018). Cytotoxic effect of acridine orange and ethidium bromide on *Allium cepa* L. and *Oryza sativa* L. *Bioscience Discovery*. **9(2)**: 251-259.

8. Sarma, B., **Baruah, P.S.** & Tanti, B. (2018). Habitat distribution modelling for reintroduction and conservation of *Aristolochia indica* L. -a threatened medicinal plant of Assam, India. *Journal of Threatened Taxa*. **10(11)**: 12531-12537.
9. **Baruah, P.S.**, Deka, K., Lahkar, L., Sarma, B., Borthakur, S.K. & Tanti, B. (2019). Habitat distribution modelling and reinforcement of *Elaeocarpus serratus* L. -A threatened tree species of Assam, India for improvement of its conservation status. *Acta Ecologica Sinica*. 39(1): 42-49. (*Elsevier*).
10. **Baruah, P.S.**, Borthakur, S.K. & Tanti, B. (2020). Preventing extinction and improving conservation status of *Mesua assamica* (King & Prain) Kosterm. -An endangered plant of Assam, India. *Acta Ecologica Sinica*. 40: 185-189. (*Elsevier*).
11. **Baruah, P.S.**, Borthakur, S.K. & Tanti, B. (2021). Notes on lectotypification of the Assam Ironwood *Mesua assamica* (King & Prain) Kosterm. (Calophyllaceae). *Journal of threatened Taxa*. **13, 8** (Jul. 2021), 19181-19184.
12. Sarma, K., Roy, S.J., Kalita, B., **Baruah, P.S.**, Bawri, A., Nath, M.J., Baruah, U.D., Sahariah, D., Saikia, A & Tanti, B. (2022). Habitat suitability of *Gymnocladus assamicus* - A critically endangered plant of Arunachal Pradesh, India using machine learning and statistical modelling. *Acta Ecologica Sinica*. <https://doi.org/10.1016/j.chnaes.2022.05.009> (*Elsevier*).
13. **Baruah, P.S.**, Borthakur, S.K. & Tanti, B. (2023). Reinstatement of *Kayea assamica* Prain: evidences from morphological and molecular phylogenetic analysis. *Journal of Bioresources*. 8(2). (ISSN 2582-2276). (IF 1.174)
14. Kalita, B., Goswami, D., Gogoi, M. & **Baruah, P.S.** (2025). Assessment of cytotoxic effect of coal-fired thermal power plant effluents on *Allium cepa* L. *Bioscience Discovery*. 16(1): 01-07. (Peer reviewed Journal)

## **B. Book chapter publication:**

1. **Prantik Sharma Baruah** and A.B. Gogoi. (2014). A taxonomic study of the orchid flora of Nazirating Reserve Forest of Tinsukia district, Assam. *Anthropogenic Threats to Biodiversity*, Vol.1. pp. 149-159.
2. Pramod Medhi, Kishor Deka, **Prantik Sharma Baruah**, Ashish Kar and Rabindra Teron. (2017). Utilization of plant resources in socio-cultural aspects by some ethnic groups of Assam, India. *Compendium of Botanical Research in Eastern India*. pp. 358-372.
3. Chhan Kumar Kalita and **Prantik Sharma Baruah**. Phytophenolics, precursor to biosynthesis, its anti-oxidative exertion and potency as Biopharmaceuticals. *Advances in Chemical and Biological Sciences*, Vol.1. pp. 29-40.
4. Chhan Kumar Kalita and **Prantik Sharma Baruah**. Bioprospecting the wild edible spices utilized by the aboriginals of Northeast India. Cultural Heritage of the North Eastern region for self-reliant India. pp. 118-131.

## **II. Details of OC/ RC/ STC/ FDP/ Wokshop/ Others Attended:**

### **A. Faculty Development Program (FDP):**

1. Participated in the **Moodle Learning Management System training in January 2020 semester** organized at Nowgong College, course offered by the **Spoken Tutorial Project, IIT Bombay** and funded by the National Mission on Education through ICT, MHRD, Govt. of India.
2. Participated in the **LaTeX training in January 2020 semester** organized at Nowgong College, course offered by the **Spoken Tutorial Project, IIT Bombay** and funded by the National Mission on Education through ICT, MHRD, Govt. of India.
3. Participated in **One-Week Online Faculty Development Programme on “Mentoring Pedagogy and Teaching Techniques for Higher Education”** organized by E&ICT Academy, **IIT Guwahati** held from **08 to 15 June, 2020** in association with Nowgong College, Nagaon, Assam.
4. Participated in Paid **FDP from 04 to 10 January, 2021 on “Moodle Learning Management System”** organized by B. Borooah College with course material provided by **Spoken Tutorial Project, IIT Bombay**.

5. Participated in **Weeklong Online Workshop/FDP** on “**Online Evaluation Systems**” organized by **Teaching Learning Centre, Tezpur University** in association with IQAC, Nowgong College (Autonomous) during **22-28 June, 2021**.
6. Participated in **Certificate course in “Python programming”** organized by **iHUB DivyaSampark, Ajoint initiative of Govt. of India, DST and IIT Roorkee** held from **25 to 29 December, 2022** in Nowgong College, Nagaon, Assam.
7. Participated in an **UGC-Approved Short-Term Professional Development Programme** on “**Implementation of NEP-2020 for University and College Teachers**” organized by **Staff Training and Research Institute of Distance Education, IGNOU** from **12 to 20 June, 2023**.
8. Participated in **Faculty Development Programme** on “**Professional Communication and Universal Human Values**” organized by the **English section of Basic Science & Humanities Department of Narula Institute of Technology** held from **18 to 24 July, 2023**.
9. Participated in an **UGC-Approved “NEP 2020 Orientation & Sensitization Programme”** organized by **Malaviya Mission Teacher Training Programme, Gauhati University** from **05 to 14 June, 2024**.

**B. Orientation Program (OP)/ Faculty Induction Programme (FIP)/ Refresher Course (RC) Attended:**

1. **Online Faculty Induction Programme (FIP)** organized by **Teaching Learning Centre, Tezpur University** during **03 August to 02 September 2021** under PMMMNMTT Scheme of Ministry of Education, Government of India. **(Grade A)**.
2. **UGC sponsored 14<sup>th</sup> Online One-Month Faculty Induction Programme** organized by **UGC-HRDC, Jamia Millia Islamia, New Delhi** from **01 to 30 September 2023**. **(Grade A)**.
3. **UGC sponsored 2-week Interdisciplinary Refresher Course on Climate Change & Sustainable Development** organized by **Malaviya Mission Teacher Training Programme, Gauhati University** from **28 August to 13 September, 2024**. **(Grade A)**.

**C. Workshop organized/ Coordinator:**

**1. Programme Coordinator** in the “**Workshop on Solid Waste Management**” organized by Assam Science Technology and Environment Council in collaboration with Eco-Club, Nowgong College (Autonomous) Unit & Department of Botany, Nowgong College (Autonomous) supported by Ministry of Environment, Forest and Climate Change, Govt. of India on **14<sup>th</sup> May, 2024**.

**III. Membership of Government Academic Institution/ Professional Bodies/ Society/ NGOs etc.**

<b>Name of the Organization</b>	<b>Membership type (Annual/Life/Other)</b>
Botanical Society of Assam	Life Member
Assam Science Society	Life Member
Assam College Teachers' Association	Life Member
Assam Sahitya Sabha	Life Member
UNESCO Association, Guwahati	Life Member