

FACULTY MEMBERS' ACADEMIC PROFILE

1. Name of the Faculty member: Mr. Abhra Abir Chowdhury

2. Designation: Assistant Professor of Botany (W.B.E.S.)

3. Qualification: M.Sc. in Botany

4. Specialization: Cytogenetics and Plant Breeding

5. E-mail address: abhrachowdhury26@gmail.com
/abhrabot23@klyuniv.ac.in



6. Date of Joining in W.B.E.S.: 04/08/2021

7. Date of Joining in this College: 10/01/2025

8. Total Teaching experience at the college level: 8 years 3 months

9. Research interests: Phycology

10. Title of thesis (Ph.D.) with year: NA

11. Research guidance: NA

12. Research Projects (Completed and ongoing): NA

13. List of publications:

A) Published papers in Journals:

1. Chowdhury, A. A., Sharma, A. K., Naskar, C., Ganguly, S., De, P., Maurya, A. K., Seal, S., Banerjee, S., Kumari, V., & Sinha, D. (2024). Land Utilization Pattern and Effects on Soil Microbiome. *Microbiome Engineering*, 206–230. <https://doi.org/10.1201/9781003394662-15>

2. Saha B., Chowdhury A.A., (2024) Emerging plant viruses in the Northeastern Indian region: a review. In *Research in Mycology*; Singh, B. et al., Ed.; Genic Book Publishers Pvt. Ltd. Agra India, 2024; Vol. 3: page 94-129. ISBN: 978-81-9805-752- 5.

3. Sinha, D., Kazi, Z., Muherjee, R., Ganguly, A., Banerjee, S., Maurya, A. K., Chowdhury, A. A., Majgaonkar, A., & Dutta, S. (2025). Integrated Molecular Strategies for Enhanced Production of Medicinal Plant-Derived Flavonoids. *Biotechnology, Multiple Omics, and Precision Breeding in Medicinal Plants*, 314–332. <https://doi.org/10.1201/9781003475491-23>

B) Conference Proceedings:

14. Membership of Learned Societies/ Editorial Boards, etc.: NA

15. Patents: NA

Awards: CSIR-JRF with AIR-59, NET-LS with AIR-24, WBSET, GATE.

16. Other notable activities: NA

17. Participation in

A) Seminars/Symposia/Conferences/Workshops: 1. Poster presentation on “*Comparative account of Diatoms, Fern spores, and pollen grains as predictors of Paleo-climatic Changes*” at the International Conference on Seedless Vascular Plant Research and Transdisciplinary Approaches: Biodiversity Exploration and Sustainable Livelihood partly organised by Department of Botany, University of Kalyani, and Indian Fern Society, Chandigarh during 22nd to 24th November 2023.

2. PowerPoint presentation on “*Implications of diatom taxa as bioindicators with special reference to Indian Sundarbans*” at the 2-Day National Level Conference (NLC)-2023 on “Biodiversity and bioprospecting” Organized by the Department of Botany, GGDC, Lalgah, Jhargram W.B. during 22nd to 23rd December 2023.

B) OP/RC: Participated in the 2nd Faculty Induction Programme from 29th January 2024 to 27th February 2024 under MMTTC, The University of Burdwan, and obtained Grade A.