

BIODATA



Sanjib Kalita

Assistant Professor

Department of Botany, Moridhal College, Dhemaji

Date of joining: 13/06/2023

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Educational Qualification:

Course	Passing year	Board/University	Division
HSLC	2011	SEBA	1st
HS	2013	AHSEC	1 st
B.Sc.	2017	Dibrugarh University	1st
M.Sc.	2020	Gauhati University	1st
Ph.D.	Pursuing	Gauhati University	

Awards:

1. Qualified CSIR-UGC-NET in 2021
2. Qualified SLET-NE in 2021
3. Qualified BET-2020 in Category-I and availed DBT-JRF
4. Qualified GATE-XL in 2020

Teaching Experience:

Worked as Assistant Professor in Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Behali, Biswanath, from September 2022 to June 2023.

Publications:

I. Research Articles

1. Chanda, Anesha, **Sanjib Kalita**, Awdhesh Kumar Mishra, Liza Changkakoti, Janayita Biswa Sarma, Kunal Biswas, Debashree Kakati et al. "Identification of Concomitant Inhibitors against Glutamine Synthetase and Isocitrate Lyase in Mycobacterium tuberculosis from Natural Sources." *BioMed Research International* 2022 (2022).
2. **Kalita S**, Sarma A, Hazarika A, Hazarika S, Saikia SP, Kalita D. A Review on Medicinal Plants Having Anticancer Properties of Northeast India and Associated Endophytic Microbes and their Future in Medicinal Science. *J Pure Appl Microbiol.* 2022 ;16(3):1608-1621. doi: 10.22207/JPAM.16.3.57
3. Chiranjib Mili, **Sanjib Kalita**, and Subham Roy. "Microbes as a potential bioremediation tool for atrazine-contaminated soil: A review." *Journal of Applied Biology and Biotechnology* (2022).
4. **Kalita S**, Hazarika A. A mini-review on plants with potential anti-hyperlipidemic properties of Northeast India. *Int. Res. J. Plant Sci.* 2021;12(3).
5. Hazarika A, **Kalita S**, Hazarika S. A review on SARS-CoV-2 and medicinal plants of Northeast India: their potential against COVID-19. *Indian J. Applied & Pure Bio.* Vol. 37(2), 351-364 (2022).

6. Sarma, Anindita, **Kalita, Sanjib**, Wary, Sudem Doley, Satya & Tayung, Kumanand. (2023). (Print) www.rjptonline.org 0974-360X (Online) Antibacterial Evaluation of some traditionally used medicinal plants and their Formulations for treatment of Gastro Intestinal Disorders. Research Journal of Pharmacy and Technology. 16. 2584-2590. 10.52711/0974-360X.2023.00424.
7. Pradhan, Jyotirmayee, Sarma, Anindita, **Sanjib Kalita**, Talukdar, Rajreepa & Tayung, Kumanand. (2023). Plant Growth-Promoting Effect of Seed-Borne Endophytic Fungi Isolated from Senna Alata (L.) Roxb. Proceedings of the National Academy of Sciences, India - Section B: Biological Sciences. 93. 10.1007/s40011-023-01483-2.

II. Book Chapters

1. **Kalita S**, Sharma A, Tayung K. Endophytic microbes associated with medicinal herbaceous plants and their bioactive secondary metabolites: Present and future prospect for NE India. Biological Spectrum of Northeast India, 2021 (pp.30-39) Eastern book house (India).
2. **Kalita S**, Hazarika A. Tuberculosis as Global Burden: Its Treatment Strategy, Past, Present and Future. Research Trends in Multidisciplinary research 2021; Vol. 29. AkiNik Publication.

III. Conferences/Seminar

1. A paper presented in International Conference on Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development (ICB-01), 2022 on the topic "Fungal biodegradation of Atrazine: Present and future prospect" organized by Dept. of Botany, PDUAM Behali.
2. A paper presented in National Seminar on Conservation of Biodiversity, Microbial Diversity with potential for application in Agriculture and Sericulture in North East India 2022 on the topic "Antibacterial evaluation and characterization of some medicinal plant formulations used by traditional healers for treatment of gastrointestinal diseases in Rupahi, Nagaon district, Assam." Organized by USTM Meghalaya.
3. A paper presented in National Seminar on Economic Zoology and sustainable development on the topic "Review on some selected plant species of Assam having anti-tubercular properties." Organized by Morigaon College, 2021.
4. A paper presented in International Conference on Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development (ICB-01), 2022

on the topic “Phytoremediation: an approach for petrochemical contaminated soil of Assam” organized by Dept. of Botany, PDUAM Behali.