

CV of Farak Ali

Name: Mr. Farak Ali

Designation: Assistant Professor

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Sex: Male

Date of Birth: 01-06-1996

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.	2013	Central Board of Secondary Education	NA
2	HSSLC/10+2 Std.	2015	Central Board of Secondary Education	Science
3	Degree (Please Specify)	2019	Dibrugarh University	Pharmaceutical Science
4	Master's Degree (Please Specify)	2021	Dibrugarh University	Pharmaceutical Chemistry
5	M. Phil.(Please Specify)	NA	NA	NA
6	Ph. D. (Please Specify)	Pursuing	Dibrugarh University	Drug design, synthesis and biological evaluation for anti-Alzheimer activity

7	Post-Doctoral (Please Specify)	NA	NA	NA
8	PGDCA	2020	Plaza Community Society	Computer applications

Educational Qualifications:

Languages known:

(Read, Write & Speak) English, Hindi, Assamese, Bengali

Academic/ Administrative Experience: Teaching experience 1 year 6 months

List of Publications:

1. Alom, S., **Ali, F.**, Bezbaruah, R., Kakoti, B. B. *Rosa alba* Linn.: A comprehensive review on plant profile, phytochemistry, traditional and pharmacological uses. *World Journal of Pharmaceutical Research*, 2020; 10(4):798-811
2. Ahmed A. **Ali, F.**, et al. The role of Pharmacists in optimizing Molecular Testing with Evolving Biomarkers and treatment for non-small cell lung cancer. *European Journal of Molecular and Clinical medicine*, 2020; 8(3): 2240-2259
3. Alom, S., **Ali, F.**, Zaman, K. A comprehensive review on mucormycosis (black fungus) and its association with COVID-19. *Current Trends in Pharmaceutical Research*, 2021; 8(1): 11-40
4. **Ali, F.**, Alom, S., Zaman, K. Berberine: A comprehensive review on its isolation, biosynthesis chemistry and pharmacology. *Asian Journal of Chemistry*, 2021; 33(11): 2548-2560
5. **Ali, F.**, Alom, S., Shakya, A., Ghosh, S. K., Singh, U. P., & Bhat, H. R. (2022). Implication of in silico studies in the search for novel inhibitors against SARS-CoV-2. *Archiv der Pharmazie*, 355(5): e2100360.
6. **Ali, F.**, Alom, S., Zaman, K. Berberine: A comprehensive review on its isolation, biosynthesis chemistry and pharmacology. *Asian Journal of Chemistry*, 2021; 33
7. Alom, S., **Ali, F.** et al. Phytochemistry and Pharmacological Properties of *Morus alba* Linn. with Reference to its SARS-CoV-2 Inhibiting Potential. *Asian Journal of Chemistry*; 2022; 34(8): 1983-1992
8. **Farak Ali**, Shahnaz Alom, Md. Kamaruz Zaman. Ethnobotany, phytochemistry

- and pharmacological Properties of zanthoxylum nitidum: a systemic review. *World Journal of Pharmaceutical Research*, 2022; 11(11): 175-195
9. Alom, S., **Farak Ali** et al. Phytochemistry, Ethnobotany and Pharmacological Uses of *Tinospora cordifolia* with Special Reference to SARS-COV-2. *Asian Journal of Chemistry*; 2022; 34(11): 2786-2796
 10. Bezbaruah, R.; Chavda, V.P.; Nongrang, L.; Alom, S.; Deka, K.; Kalita, T.; **Ali, F.**; Bhattacharjee, B.; Vora, L. Nanoparticle-Based Delivery Systems for Vaccines. *Vaccines* 2022, 10, 1946.
 11. Ali SR, Alom S, Kumari S, **Ali F**, Afruja J, Singh GK, Bhat HR, Ghosh SK, Shakya A. A Systematic Overview of Monkeypox: from Origin to Treatment. *Advanced Chemobiology Research*, 2023;2(2):151-68
 12. **Ali, F.**, Alom, S., Ali, S. R., Kondoli, B., Sadhu, P., Borah, C., Kakoti, B. B., Ghosh, S. K., Shakya, A., Ahmed, A. B., Singh, U. P., & Bhatt, H. R. (2023). Ebselen: A Review on its Synthesis, Derivatives, Anticancer Efficacy and Utility in Combating SARS-COV-2. *Mini reviews in medicinal chemistry*. Advance online publication. <https://doi.org/10.2174/1389557523666230914103339>
 13. Sahariah, M., Chowdhury, R., Pegu, P., **Ali, F.**, et al. Design, synthesis and in-vitro anti-depressant activity evaluation of some 2-styrylbenzimidazole derivatives. *Futur J Pharm Sci* 10, 20 (2024). <https://doi.org/10.1186/s43094-024-00589-2>

Book chapter

1. Alom, S., **Ali, F.**, Choudhury, D., Gohain, A., Ahmed, A.B., Zaman, K., Tuberculosis and Drug Delivery System: Clinical Trials in TB. Tuberculosis and Drug Delivery System, Springer Nature Publishers, 2023
2. **Farak Ali**, Shahnaz Alom, Nilayan Guha, Arpita Paul, Md. Kamaruz Zaman, Introduction, Geographical Region, Mushrooms Diversity, Climate, Sustainability: An Overview of Mushrooms in Edible and Medicinal Mushrooms of the Himalayas. *CRC Press*, 2023, 1st edition, pp 1-15
3. **F. Ali**, S. Alom, A. Paul, N. Guha, and M. K. Zaman, in Phytochemistry and Nutritional Composition of Significant Wild Medicinal and Edible Mushrooms Traditional Uses and Pharmacology, ed. A. Sharma, G. Bhardwaj, and G. A. Nayik, *Royal Society of Chemistry*, 2023, ch. 12, pp. 261-272

Seminar attended

- Presented a National Seminar on “Emerging global trends in Pharmaceutical Nanotechnology” held in Dept. of Pharmaceutical Sciences, Dibrugarh University on 23rd & 24th Nov. 2018.
- Presented a National Seminar on “Current research in Drug discovery and development” held in Dept. of Pharmaceutical Sciences, Dibrugarh University on 13th & 14th Nov. 2019
- Attended a workshop on “Handling and Utility of Experimental Animals in Biomedical Research” held on 24th and 25th of October, 2019. Conducted by Dept. of Pharmaceutical Sciences, Dibrugarh University, funded by UGC under UGC-SAP (DRS-I).
- Present a poster in National conference on ‘REDIMAP’ under NMPB, Ministry of AYUSH (Govt. of India) held on 20th and 21st January, 2022 in ADP College, Nagaon.
- Participated in a “five-day faculty development program (FDP) on Advances in Research Methodology” organized by the Royal Society of Pharmacy, The Assam Royal Global University, Guwahati, Assam on 22-26 th May 2023.
- Participated in a hands-on workshop on “Insight into Insilico techniques in Drug discovery: A hands-on workshop (Online)”, organized by Experimental Pharmacology Laboratory, Dept, of Pharmacology, PGIMER, Chandigarh with Indian Pharmacological Society (IPS) on 19 th June, 2023.
- Presented a DST-Purse sponsored national seminar on “Nanotechnology in Biotherapeutics: Advancement in Drug Discovery, Development and Delivery Systems” organized by the Department of Pharmaceutical Sciences, Dibrugarh University on 16-18th November 2023.
- Presented a national seminar on “Ethnopharmacology for Bioeconomy: The New Paradigm” organized by CSIR-NEIST, Jorhat, Assam in association with society for Ethnopharmacology, India on 28-30 th November, 2023.
- Presented an oral presentation on ‘1,3,5-triazine as a scaffold for anti-Alzheimer drug design’ in national conference One-day National Conference on "Frontiers in chemical and Pharmaceutical sciences for the development of novel therapeutics-2024" organized by SOPS, Girijananda Chowdhury University Tezpur campus conducted on 16th February 2024.

Research Experience:

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

Membership of Professional bodies: NA

Award, Fellowship & Recognition: NA

Date: 26-02-2024

Farak Ali