

## **CV of Farak Ali**

**Name:** Mr. Farak Ali

**Designation:** Assistant Professor

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**Sex:** Male

**Date of Birth:** 01-06-1996

### **Educational Qualifications:**

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 <sup>th</sup> 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

**Languages known:**

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

**Academic/ Administrative Experience:** 2 years 4 months teaching experience as Assistant professor (Pharmacology) in GIPS-Tezpur, Assam.

**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., Shaky, 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 Chemicobiology Research* [Internet]. 2023 Jun. 12;2(2):151-68. Available from: <https://ojs.wiserpub.com/index.php/ACBR/article/view/acbr.v2i22023.151-168>
12. Ali F., Alom, S., et al. Ebselen: A Review on its Synthesis, Derivatives, Anticancer Efficacy and Utility in Combating SARS-COV-2, *Mini-Reviews in Medicinal Chemistry*, September 2023. <http://dx.doi.org/10.2174/1389557523666230914103339>
13. Sahariah, M., Chowdhury, R., Pegu, P. *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>
14. Alom, S., **Ali F.**, Bezbaruah, R., Kakoti, B.B. In-vitro and in-silico analysis of phytoconstituents of *Enhydra fluctuans* as an antidiabetic agent. *Advances in Traditional Medicine*. March. 2025. <https://doi.org/10.1007/s13596-025-00821-1>

### **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. **Ali, F.**, Alom, S., Guha, N., Paul, A., Zaman, M.K.. Introduction, Geographical Region, Mushrooms Diversity, Climate, Sustainability: An Overview of Mushrooms. Dr. Ajay Sharma, Garima Bhardwaj and Gulzar Ahmed Nayik (editors), *Edible and Medicinal*

- Mushrooms of the Himalayas. CRC Press, Taylor and Francis, August, 2023.  
<https://doi.org/10.1201/9781003259763>
3. **Ali, F.**, Alom, S., Paul, A., Guha, N., Zaman, M.K.. *Leucopaxillus giganteus* (Sowerby) Singer (Giant Leucopax). Phytochemistry and Nutritional Composition of Significant Wild Medicinal and Edible Mushrooms: Traditional Uses and Pharmacology. Dr. Ajay Sharma, Garima Bhardwaj and Gulzar Ahmed Nayik (editors). Royal Society of Chemistry, August 2023. [10.1039/BK9781837672097-00261](https://doi.org/10.1039/BK9781837672097-00261)
  4. Alom, S., **Ali, F.**, Kakoti, B.B., Choudhury, S. and Ahmed, A.B. (2024). Lichen as a Raw Material in Perfumery and Cosmetic Industries. In Chemistry, Biology and Pharmacology of Lichen. A.K. Das, A. Sharma, D. Kathuria, M.J. Ansari and G. Bhardwaj (editors). Wiley, June 2024. <http://dx.doi.org/10.1002/9781394190706.ch17>
  5. **Ali, F.**, Alom, S., Gohain, A., Ali, S.R., Guha, N. and Kumari, S. (2024). Commercial and Traditional Uses of Lichen. In Chemistry, Biology and Pharmacology of Lichen. A.K. Das, A. Sharma, D. Kathuria, M.J. Ansari and G. Bhardwaj (editors). Wiley, June 2024. <https://doi.org/10.1002/9781394190706.ch10>
  6. Alom S., **Ali F.**, Gohain A., Das A.K., Kakoti B. Cosmeceutical applications of alkaloids. In: Specialized Plant Metabolites as Cosmeceuticals. D. Kathuria, A. Sharma and J. Simal-Gandara (editors). Elsevier, August 2024. <https://doi.org/10.1016/B978-0-443-19148-0.00004-8>
  7. **Ali, F.** Medicinal and Toilet Preparation Act, 1955. Pharmaceutical Law and Ethics. Ravi Kumar Rajan (Editor). Notion Press Publisher, 1<sup>st</sup> edition, August 2024, 141-162, **ISBN-13:** 979-8895196816
  8. **Ali, F.** Medical Termination of Pregnancy Act and Rules. Pharmaceutical Law and Ethics. Ravi Kumar Rajan (Editor). Notion Press Publisher, 1<sup>st</sup> edition, August 2024, 189-199, **ISBN-13:** 979-8895196816
  9. **Ali, F.** Right to Information Act, 2005. Pharmaceutical Law and Ethics. Ravi Kumar Rajan (Editor). Notion Press Publisher, 1<sup>st</sup> edition, August 2024, 245-263, **ISBN-13:** 979-8895196816
  10. Alom S., **Ali F.**, Kathuria D. Colorimetric Paper-based Point-of-care Testing for Disease Biomarkers. Sensing Materials and Devices for Biomarkers. V. Mutreja, D. Kathuria, S.

Sareen, and J. Park (editors). Royal Society of Chemistry, December 2024.  
<https://doi.org/10.1039/9781837673230-00037>

**National, International Seminar/Workshop presented or attended**

1. Presented a National Seminar on “Emerging global trends in Pharmaceutical Nanotechnology” held in the Department of Pharmaceutical Sciences, Dibrugarh University on 23<sup>rd</sup> & 24<sup>th</sup> Nov. 2018.
2. Presented a National Seminar on “Current research in Drug discovery and development” held in Dept. of Pharmaceutical Sciences, Dibrugarh University on 13<sup>th</sup> & 14<sup>th</sup> Nov. 2019
3. Attended a workshop on “Handling and Utility of Experimental Animals in Biomedical Research” held on the 24<sup>th</sup> and 25<sup>th</sup> of October, 2019. Conducted by Dept. of Pharmaceutical Sciences, Dibrugarh University, funded by UGC under UGC-SAP (DRS-I).
4. Participated in five days’ workshop of ATAL-FDP, on “**Response effectiveness, organizing self, attitudinal shift, decision making (ROAD)**”, held in Girijananda Chowdhury Institute of Pharmaceutical Science- Guwahati (GIPS-Guwahati) from 6th to 10th December, 2021.
5. Present a poster at the National conference on ‘REDIMAP’ under NMPB, Ministry of AYUSH (Govt. of India) held on 20<sup>th</sup> and 21<sup>st</sup> January 2022 in ADP College, Nagaon.
6. 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<sup>th</sup> May 2023.
7. 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<sup>th</sup> June, 2023.
8. 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 16-18<sup>th</sup> November 2023.
9. 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<sup>th</sup> November, 2023.

10. Presented in a national seminar in **“Frontiers in Chemical and Pharmaceutical Sciences for the Development of Novel Therapeutics-2024”** organized by the School of Pharmaceutical Sciences, Girijananda Chowdhury University Tezpur Campus in collaboration with the Association of Chemistry Teachers (ACT) and Rangapara College on 16<sup>th</sup> February 2024.
11. Organized a 2-days Hands on training cum workshop on **“Computer-Aided Drug Design with BIOVIA Discovery Studio Visualizer”** organized by School of Pharmaceutical Sciences, Girijananda Chowdhury University-Tezpur, Assam, India in Association with Altam Technology Pvt. Ltd. From 3-4<sup>th</sup> April, 2024.
12. Participated in a **“five-day faculty development program (FDP) on Focus on Research, Innovation & Institutional Governance as the path-breaking initiatives for quality enhancement of self-financing standalone Pharmacy Institutions”** organized by Bengal School of Technology (BST) in association with The Indian Pharmacy Graduates Association, New Delhi from 22-30<sup>th</sup> July 2024.
13. Participated in a **“five-day faculty development program (FDP) on Herbal Medicine: Harmonizing Traditional Knowledge and Modern Health Care System”** organized by the School of Pharmacy in Association with IQAC cell, The Kaziranga University, Jorhat, Assam from 5-9<sup>th</sup> August 2024.
14. As **Trainer** in a one-day workshop on **“Computer-Aided Drug Design”** organized by Department of Pharmaceutical Chemistry, School of Pharmaceutical Sciences, Girijananda Chowdhury University-Tezpur, Assam, India on 11<sup>th</sup> November 2024.
15. Presented in an international conference on **“Bioeconomy from Bioresources: Promoting Traditional Resources of NER for Viksit Bharat”** jointly organized by the Society for Ethnopharmacology, India, and BRIC-Institute of Bioresources and Sustainable Development, Imphal, Manipur at Chintan Bhavan, Gangtok, Sikkim, India from 15-16<sup>th</sup> November 2024.
16. Participated in a pre-conference workshop on **“Non-invasive Preclinical imaging in Experimental and Molecular Pharmacology in Drug Discovery”** organized by the Department of Pharmacology and Toxicology, NIPER Guwahati, Assam, India from 4-5<sup>th</sup> December 2024.

17. Presented in the 1<sup>st</sup> international conference on “**Experimental and Molecular Pharmacology Interface in Drug Discovery and Development (EMPi-3D 2024)**” organized by the Department of Pharmacology and Toxicology, NIPER Guwahati, Assam, India from 5-6<sup>th</sup> December 2024
18. Presented in a national seminar in “**Role of Biological, Chemical and Pharmaceutical Sciences in Integrative medicine and Holistic Health-2025 (RBCPS-IMH2-2025)**” organized by the School of Pharmaceutical Sciences, Girijananda Chowdhury University Tezpur Campus in collaboration with Association of Chemistry Teachers (ACT) and Rangapara College on 21-22<sup>nd</sup> February 2025.

**Research Experience:**

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

Membership of Professional bodies: NA

**Award, Fellowship & Recognition:**

- 4<sup>th</sup> rank holder in B. Pharm, 2015-19 batch in the Department of Pharmaceutical Sciences, Dibrugarh University, Assam, India.
- 5<sup>th</sup> rank holder in M. Pharm, 2019-21 batch in the Department of Pharmaceutical Sciences, Dibrugarh University, Assam, India.
- Ishan Uday Fellowship (UGC): 2015-2019
- NSP Minority Scholarship: 2019-21
- Qualified GPAT 2022

Date: 10-04-2025

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Farak Ali