

CV of Shahnaz Alom

Name: Miss. Shahnaz Alom

Designation: Assistant professor (Pharmacology)

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Sex: Female

Date of Birth: 19/04/1997

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization	Result
1	HSLC/10 th Std.	2013	Board of Secondary Education (SEBA), Assam	NA	75.66% (First class with star)
2	HSSLC/10+2 Std.	2015	Assam Higher Secondary Education Council (AHSEC)	Science	85.6% (First class with distinction)
3	Degree (Please Specify)	2019	Dibrugarh University, Assam	Bachelor of Pharmacy (B. Pharm.) in Department of Pharmaceutical Sciences	76.43% (First class with distinction)
4	Master's Degree (Please Specify)	2021	Dibrugarh University, Assam	Master of Pharmacy in Pharmacology (M. Pharm.) in Department of Pharmaceutical Sciences	9.41 CGPA (Grade O)
5	M. Phil.(Please Specify)	NA	NA	NA	NA
6	Ph. D. (Please Specify)	Pursuing	Dibrugarh University, Assam	Antidiabetic study of traditional plant along with molecular study.	Pursuing
7	Post-Doctoral (Please Specify)	NA	NA	NA	NA
8	Others (Please Specify)	2020	Plaza Community Society	One year PGDCA computer application course	75%

Languages known: Assamese, Hindi and English

(Read, Write & Speak)

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

List of Publications:

Published papers:

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. **Alom, S., 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. **Alom, S.,** Sadhu, P., Bezbaruah, R. A comprehensive review on ethnobotanical and pharmacological uses of the topical herb *Enydra fluctuans* Lour. *Current Trends in Pharmaceutical Research*, 2021; 8(1)
5. 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
6. 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.
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. Ali, F., **Alom, S.,** Zaman, K. 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>

Published book chapters:

1. Gohain, A., **Alom, S.**, Choudhury D., Das K. A. Species of the Genus Selinum Found in the Western Himalayas. *Immunity Boosting Medicinal Plants of the Western Himalayas*. 2023. DOI: 10.1007/978-981-19-9501-9_20
2. **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.
3. 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>
4. 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)

National, International Seminars/ Workshop presented or attended:

1. Presented in a National Seminar on “**Emerging global trends in Pharmaceutical Nanotechnology**” held in Dept. of Pharmaceutical Sciences, Dibrugarh University on 23rd & 24th Nov. 2018.
2. Presented in a National Seminar on “**Current research in Drug discovery and development**” held in Dept. of Pharmaceutical Sciences, Dibrugarh University on 13th & 14th Nov. 2019.
3. 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)
4. Presented an online seminar in International Virtual Conference on ‘**Innovative Strategies in Chemical Sciences and Technology**’ (ISCST 2020) held on 27th & 28th June, 2020. Conducted by Bhaktavatsalam Memorial College for Women, Chennai.

5. Participated in a “**One day workshop on Analytical cum semi-preparative HPLC systems** on 29th January, 2021”. Conducted by Dept. of Pharmaceutical Sciences, Dibrugarh University in collaboration with IPA, Assam State Branch and Spinco Biotech Pvt. Ltd.
6. 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) on 6th to 10th December, 2021.
7. Presented in a National Seminar on “**Recent discoveries in medical and aromatic plants research and its sustainability development in North East India**”, held in Dept. of Herbal Science and Technology, ADP College, Nagaon on 21 and 22nd January, 2022.
8. Participated in “**IP awareness/ training program under National Intellectual Property Awareness Mission**”, organized by Intellectual Property office and MoEs Innovation Cell, India on 17th February, 2023.
9. 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 22-26th May 2023.
10. 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 19th June, 2023.
11. 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.
12. 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 28-30th November, 2023.
13. Presented a national seminar on “***Pogostemon benghalensis*: A Nutraceutical Plant of North-East India**” 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 Association of Chemistry Teachers (ACT) and Rangapara College on 16th February 2024.

Research Experience:

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

Membership of Professional bodies: NA

Award, Fellowship & Recognition:

- Second rank holder in B. Pharm, 2015-19 batch in Department of Pharmaceutical Sciences under Dibrugarh University, Assam, India.
- First rank holder in M. Pharm, 2019-21 batch in Department of Pharmaceutical Sciences under Dibrugarh University, Assam, India.
- Ishan Uday Fellowship (UGC): 2015-2019
- NSP Minority Scholarship: 2019-21

Date: 26/02/2024

Miss Shahnaz Alom
(Name)