

CV of Dr Abdul Baquee Ahmed

Name: **Dr Abdul Baquee Ahmed**

Designation: Professor cum Principal

Address for Communication: (office):

Girijananda Chowdhury Institute of Pharmaceutica Science-Tezpur

Dekargaon, Tezpur-784501, Sonitpur, Assam.

Mobile No.: 9854046526

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Email: baquee1977@gmail.com

Sex: Male

Date of Birth: 12-08-1977

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.	1993	SEBA	NA
2	HSSLC/10+2 Std.	1996	AHSEC	NA
3	Degree (Please Specify)	B. Pharm	Dibrugarh University	NA
4	Master's Degree (Please Specify)	M. Pharm	Dibrugarh University	Pharmaceutics
5	M. Phil.(Please Specify)	NA	NA	NA
6	Ph. D. (Please Specify)	Pharmaceutical Sciences	Dibrugarh University	Pharmaceutics
7	Post-Doctoral (Please Specify)	NA	NA	NA

8	Others (Please Specify) CMI Level 5 Certificate in Management and Leadership	2019	CMI (Chartered Management Institute) UK	Leadership practice
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Languages known: English, Assamese, Bengali and Hindi (Speak only)
(Read, Write & Speak)

Academic/ Administrative Experience: 17 Years (Academic)/10 years administrative

List of Publications:

Kalita, P., **Ahmed, A.B.**, Sen, S., Chakraborty, R.: Citric acid esterified Glutinous Assam bora rice starch enhances disintegration and dissolution efficiency of model drug, *International Journal of Biological Macromolecules*, 2023, 227, pp. 424–436.

Alom S, Ali F, Ali SR, **Ahmed AB.**: Phytochemistry and Pharmacological properties of *Morus alba* Linn. With reference to SARS-CoV-2 inhibiting potential, *Asian Journal of Chemistry*, 2022, 34(8), pp. 1983–1992. <https://doi.org/10.14233/ajchem.2022.23891>

Bordoloi, R., **Ahmed, A.B.**, Baishya, H.: Development and Validation of RP-UHPLC Method for Quantification of Gliclazide in Bulk and Pharmaceutical Dosage Form Using Quality-by-Design (QbD) Approach: A Shifting Paradigm, *Chromatographia* 2022, 85(8), pp. 719–732.

Ahmed, A.B., Bordoloi, R., Bhattacharya, K.: Development and Validation of a RP-UHPLC Method for estimation of Gliclazide loaded Microsphere, *Research Journal of Pharmacy and Technology* 2022, 15(2), pp. 773–778

Kalita, P., **Ahmed, A.B.**, Sen, S., Chakraborty, R.: A comprehensive review on polysaccharides with hypolipidemic activity: Occurrence, chemistry and molecular mechanism, *International Journal of Biological Macromolecules*, 2022, 206, pp. 681–698.

Das SRD, **Ahmed AB**, Shil D, Das T, Alam F, Chakraborty J.: Antifungal Activity of Flavonoid Isolated from *Lindernia crustacea* (L) F. Muell against Traditionally Claimed Dermatophytes, *Journal of Pharmaceutical Research International*, 2021, 33(46B), pp. 2456-9119.

Bordoloi R, **Ahmed, AB**, Bhattacharya K.: Pharmacoscintigraphic evaluation and antidiabetic efficacy of gliclazide-loaded ^{99m}Tc-labelled mucoadhesive microspheres, *Future Journal of*

Pharmaceutical Sciences, 2021, 7:229, pp. 2314-7253.

Bordoloi R, **Ahmed AB**,: Isolation and Evaluation of Starch from *Musa balbisiana* Species as A Mucoadhesive Polymer, *International Journal of Pharmacy and Pharmaceutical Research*, 2021, 21(4), pp. 2349-7203.

Deka M, **Ahmed AB**, Chakraborty J.: Development, evaluation and characteristics of ophthalmic in situ gel system: a review, *International Journal of Current Pharmaceutical Research*, 2019, 4 (11), pp. 47-53.

Das SRC, **Ahmed AB**. Scientific evidence of *lindernia crustacea* (l) f.muell, an indigenous plant: a folklore medicine used traditionally. *International Research Journal of Pharmacy*, 2019, 10 (1), pp.176-183.

Ahmed AB, Das G. Effect of menthol on the transdermal permeation of aceclofenac from microemulsion formulation. *International Journal of Applied Pharmaceutics*, 2019, 11 (2), pp.117-122.

Rahman SS, **Ahmed AB**. Preparation, characterization and statistical optimization of Nevirapine loaded chitosan nanoparticle for vaginal delivery. *Journal of Pharmaceutical Sciences and Research*, 2019, 11(2): pp. 348-358.

Kalita, P., Roy, P.K., Chakraborty, R., **Ahmed, A.B.**, Devi, C.M.: Historical development, preparation, characterization, and pharmacokinetics of nanoparticles: A review, *Asian Journal of Pharmaceutics*, 2018, 12(4), pp. S1110–S1118.

Das, A., **Ahmed, A.B.**: Formulation and evaluation of transdermal patch of indomethacin containing patchouli oil as natural penetration enhancer, *Asian Journal of Pharmaceutical and Clinical Research*, 2017, 10(11), pp. 320–325.

Kar A, **Ahmed AB**. Enhancement of solubility and dissolution of ibuprofen by solid dispersion technique and formulation of sustained release tablets containing the optimised batch of solid dispersion. *International Journal of Current Pharmaceutical Research*, 2017, 9 (5), pp. 37-44.

Rahman SS, **Ahmed AB**. Formulation and evaluation of nevirapine loaded polyethylene oxide based nanoparticle for vaginal drug delivery system. *International Journal of Pharmacy & Technology*. 2017; 9(2), pp. 30025-30038.

Ahmed AB, Bhaduri I. Development and Evaluation of Assam Bora Rice Starch-Carbopol Based Oral Mucoadhesive Gel of Irinotecan for Mouth Cancer. *Journal of Pharmaceutical Sciences and Research*, 2017, 9(7): pp.1139-1146.

Das A, **Ahmed AB**. Natural permeation enhancer for transdermal drug delivery system and permeation evaluation: a review. *Asian Journal of Pharmaceutical and Clinical Research*, 2017, 10 (9): pp. 5-9.

Ahmed AB, Bhaduri I. Chemical modification, characterization and evaluation of mucoadhesive potentiality of Assam bora rice starch. *International Journal of Pharmacy and Pharmaceutical Sciences*, 2017, 9(9), pp. 132-137.

Rahman SS, **Ahmed AB**. Pre-formulation Studies and Prototype Formulation Development of Nevirapine Loaded Chitosan Based Nanoparticle for Vaginal Drug Delivery System. *International Journal of Pharmacy and Pharmaceutical Research*, 2017, 7(1), pp. 584-596.

Ahmed AB, Das D, Sengupta R. Comparative antipyretic activity of ethanolic extracts of some species of *Cynodon* in rabbits. *Journal of Pharmacognosy and Phytochemistry*, 2016; 5(6): pp. 361-365.

Rahman SS, **Ahmed AB**. Vaginal Drug Delivery System a Promising Approach for Antiretroviral Drug in the Prevention of HIV Infection: A Review. *Journal of Pharmaceutical Sciences and Research*, 2016, 8(12): pp.1330-1338.

Sarkar T, **Ahmed AB**. Development and *in-vitro* characterisation of chitosan loaded paclitaxel nanoparticle. *Asian Journal of Pharmaceutical and Clinical Research*, 2016, 9(3): pp.145-148.

Kalita C, **Ahmed AB**. Formulation and *in-vitro* evaluation of irinotecan loaded mucoadhesive microspheres made of chitosan-alginate mixture by using ionotropic gelation technique. *International Journal of Drug Research and Technology*, 2016, 6 (3), pp.127-137.

Ahmed AB, Ahmed R, Sengupta R. Formulation and *in-vitro/ex-vivo* characterizations of microemulsion-based hydrogel formulation of aceclofenac for topical application. *Asian Journal of Pharmaceutical and Clinical Research*, 2016, 9(1): pp. 87-91.

Ahmed AB, Nath LK. Design and development of controlled release floating matrix tablet of nicorandil using hydrophilic cellulose and pH independent acrylic polymer: *in-vitro* and *in-vivo* evaluations. *Expert Opinion on Drug Delivery*, 2016, 13(3): pp. 315-324.

Ahmed AB, Knowler R, Sengupta R. Atorvastatin calcium loaded chitosan nanoparticles: *in vitro* evaluation and *in vivo* pharmacokinetic studies in rabbits. *Brazilian Journal of Pharmaceutical Sciences*, 2015, 51 (2): pp. 468-477.

Ahmed AB, Sengupta R, Deb R. Design, development and evaluation of hollow microspheres of Repaglinide. *Journal of Chemical and Pharmaceutical Research*, 2014, 6(9): pp. 267-277.

Ahmed AB, Nath LK. Drug-excipients compatibility studies of nicorandil in controlled release floating tablet. *International Journal of Pharmacy and Pharmaceutical Sciences*, 2014, 6(2), pp. 468-475.

Sengupta R, **Ahmed AB**. Evaluation of antidiarrheal activity of ethanolic extract of *Bauhinia variegata* (leguminosae) stem bark in Wistar albino rats. *International Journal of Pharmaceutical and Biomedical Research*, 2015, 5(1), pp. 1-6.

Patwari BN, **Ahmed AB**, Das T, Sengupta R. Phytochemical screening and analgesic effects of ethanolic extract of plant *Murdanianudiflora* (l) brenan (commelinaceae) in albino mice using hot plate method. *International Journal of Pharmacy and Pharmaceutical Sciences*, 2014, 6(7): pp. 512-515

Sungupta R, **Ahmed AB**, Banik JK. Pharmacognostical evaluation of *Terminalia Arjunabark* on different marketed samples. *Der Pharmacia Lettre*, 2014, 6 (3): pp. 299-303.

Ahmed AB. Penetration enhancing effect of naturally occurring terpenes on skin permeation of rofecoxib from transdermal gel for topical application. *Der Pharmacia Lettre*, 2014, 6 (4): pp. 278-282.

Konwar R, **Ahmed AB**. Nanoparticle: An overview of preparation, Characterization and application. *International Research Journal of Pharmacy*, 2013, 4 (4), pp. 47-57.

Deb R, **Ahmed AB**. Pellet and Pelletization techniques: A critical review. *International Research Journal of Pharmacy*, 2013, 4 (4), pp. 90-95.

Ahmed AB, Development and Optimization of Mucoadhesive Matrix Tablet for Nicorandil: *In-vitro* Evaluation and *In-vivo* Gastro-Retention. *Inventi Impact: Pharm Tech*, 2013, (3), pp. 1-11.

Ahmed AB, Nath LK. Fabrication and *in vitro* evaluation of floating matrix tablet of nicorandil using factorial design. *Journal of Pharmacy Research*, 2011, 4 (6), pp. 1950-1954.

Bhunja B, Behera KK, **Baquee A**, Hunuman PD. Optimization of Alkaline Protease Activity from *Bacillus Subtilis* 2724 by Response Surface Methodology (Rsm). *International Journal of Biological Sciences and Engineering*, 2010; 1(2), pp. 158-169.

Das MK, **Ahmed AB**. Skin permeation enhancement effects of ascorbic acid and triethyl citrate on rofecoxib. *Malaysian Journal of Pharmaceutical Sciences*, 2008, 6(1), pp. 69-86.

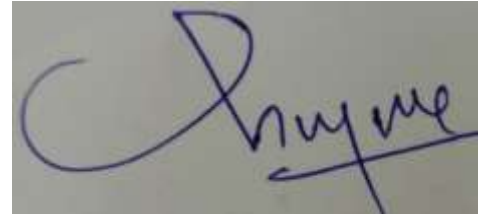
Das MK, **Ahmed AB**. Formulation and *ex vivo* evaluation of Rofecoxib gel for topical application. *ActaPoloniaePharmaceutica- Drug Research*, 2007; 64(5): pp. 461-467.

Research Experience:

- Doctoral thesis guided : Guided 03 and guiding 03
- Research & Consultancy Projects: 02

Membership of Professional bodies: Life member of IPA and APTI

1. Award, Fellowship & Recognition: Received *Indian Drug Manufacturer's Association* **IDMA-GP NAIR AWARD, 2000.**
2. **AICTE GATE fellowship**, MHRD, Govt. of India, 2004-2006.

A scanned image of a handwritten signature in blue ink. The signature is stylized and appears to read 'Dr. Baquee Ahmed'.

Scanned Signature

Date: 20.01.2023

Dr. Abdul Baquee Ahmed