

CV of Damanbhalang Rynjah

Name: Mr. Damanbhalang Rynjah

Designation: Assistant professor

Address for Communication: (office)

School of Pharmaceutical Sciences,

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Sex: Male

Date of Birth: 22-12-1996

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.	2013	MBOSE	-
2	HSSLC/10 ⁺ 2 Std.	2015	MBOSE	Science
3	Degree (Please Specify)	2019	ASTU	B. Pharm.
4	Master's Degree (Please Specify)	2021	ASTU	M. Pharm. in Pharmaceutics
5	Ph. D.	Pursuing	GCU	Pharmaceutical Science

Languages known: English, Khasi (Read, speak & write) and Hindi, Assamese (Speak)

Academic/ Administrative Experience:

1. Working at the School of Pharmaceutical Sciences, Girijananda Chowdhury University, Tezpur campus as an Assistant Professor from 1st October 2021 till date.
2. Member, Anti-discrimination Cell, GCU-Tezpur.
3. NAAC Coordinator, GCU-Tezpur.
4. ERP Coordinator, GCU-Tezpur
5. SC/ST Cell Coordinator, GCU-Tezpur
6. NSS Unit-3 Co- Coordinator, GCU-Tezpur
7. Internship Co-ordinator, IIC, GCU-Tezpur.
8. Co-Mentor, Bureau of Indian Standard, GIPS-Tezpur.

List of Publications:

1. Rynjah D, Chakraborty T, Das A, Islam J, Bordoloi SS, Baishya B, et al. RECENT DEVELOPMENT IN THE FORMULATIONS OF GINGER FOR THERAPEUTIC APPLICATIONS AND AN OVERVIEW TOWARDS THE ACTION ON SARS-COV-2. IJPSR. 2021;12(7):3537–48.
2. Bordoloi SS, Chakraborty T, Das A, Islam J, Rynjah D, Baishya B. THE APPLICABILITY OF PALM TREES IN PHARMACEUTICALS AS EXCIPIENTS WITH A SPECIAL EMPHASIS ON PALM SUGAR: A REVIEW. WJPR. 2021;10(6):1778–92.
3. Baishya B, Rahman SS, Rynjah D, Barman K, Bordoloi SS, Islam J, et al. ENHANCING OF ORAL BIOAVAILABILITY OF POORLY WATER-SOLUBLE ANTIHYPERTENSIVE DRUGS. Int J Curr Pharm Sci. 2021 Jul 15;42–7.
4. Islam, J., Chakraborty, T., Das, A., Rynjah, D., Bordoloi, S.S., & Baishya, B. (2021). The wound healing activity of *Calendula officinalis*: A Review. World Journal of Pharmacy and Pharmaceutical Sciences. 10(7), 512-523.
5. Hazarika H, Krishnatreyya H, Bhattacharjee B, Rynjah D, Gogoi D, Ahmed AB, et al. Liposomal Drug Delivery in Malaria. In: Shegokar R, Pathak Y, editors. Malarial Drug Delivery Systems [Internet]. Cham: Springer International Publishing; 2023 [cited 2025 Apr 7]. p. 161–85. Available from: https://link.springer.com/10.1007/978-3-031-15848-3_8
6. Bhattacharjee B, Syeda AF, Rynjah D, Hussain SM, Chandra Bora S, Pegu P, et al. Pharmacological impact of microRNAs in head and neck squamous cell carcinoma: Prevailing insights on molecular pathways, diagnosis, and nanomedicine treatment. Front Pharmacol. 2023 May 3;14:1174330.
7. Bhattacharjee B, Bezbaruah R, Rynjah D, Newar A, Sengupta S, Pegu P, et al. Cold Atmospheric Plasma: A Noteworthy Approach in Medical Science. sciphar. 2023 May 11;2(2):46–76.

8. Bhattacharjee B, Bezbaruah R, Rynjah D, Newar A, Valu D, Ahmed N, et al. Proteogenomics and immunopeptidomics in the development of advanced vaccines. In: *Advanced Vaccination Technologies for Infectious and Chronic Diseases* [Internet]. Elsevier; 2024 [cited 2025 Apr 7]. p. 455–75. Available from: <https://linkinghub.elsevier.com/retrieve/pii/B9780443185649000199>
9. Bhattacharjee B, Rynjah D, Ahmed AB, Newar A, Sengupta S, Chakrabarty S, et al. Overview of diagnostic tools and nano-based therapy of SARS-CoV-2 infection. *Chem Pap*. 2024 Feb;78(4):2123–54.
10. Chavda VP, Balar PC, Bezbaruah R, Vaghela DA, Rynjah D, Bhattacharjee B, et al. Nanoemulsions: Summary of a Decade of Research and Recent Advances. *Nanomedicine (Lond)*. 2024 Mar;19(6):519–36.
11. Bhattacharjee B, Kuppusamy S, Ghose Bishwas NR, Rynjah D, Sahu RK. Advanced smart nanomaterial-based system for treatment of cervical cancer: A systematic review. *Journal of Drug Delivery Science and Technology*. 2024 Dec;102:106327.
12. Sandhanam K, Bhattacharjee B, Rynjah D, Kalita P, Sen S, Chakraborty R. Deciphering the Interlinked CXCR4-Mediated Feedback Loop Among Signaling Pathways in Diabetic Wound Healing. *CDR* [Internet]. 2024 Nov 29 [cited 2025 Apr 7];21. Available from: <https://www.eurekaselect.com/236649/article>
13. Chavda VP, Gholap A, Bezbaruah R, Balar PC, Rynjah D, Uhal BD, et al. The Use of Nanomaterials in Activating the Complement System. In: Rehman S, Al-Suhaimi E, editors. *Nanotechnology Based Microbicides and Immune Stimulators* [Internet]. Singapore: Springer Nature Singapore; 2024 [cited 2025 Apr 7]. p. 85–103. Available from: https://link.springer.com/10.1007/978-981-96-0397-8_6
14. Sandhanam K, Rynjah D, Ghose S, Sahu RK, Ahmed AB, Sumitra M, et al. Robotic thread-assisted clot removal for stroke treatment: A comprehensive review. *Neuroscience*. 2025 Mar;570:95–109.
15. Chavda VP, Bezbaruah R, Ahmed N, Alom S, Bhattacharjee B, Nalla LV, et al. Proinflammatory Cytokines in Chronic Respiratory Diseases and Their Management. *Cells*. 2025 Mar 9;14(6):400.
16. Ghose S, Bhattacharjee B, Rynjah D, Laloo D. Pesticides and Allergens. In: Odoh UE, Gurav SS, Chukwuma MO, editors. *Pharmacognosy and Phytochemistry* [Internet]. 1st ed. Wiley; 2025 [cited 2025 Apr 7]. p. 315–34. Available from: <https://onlinelibrary.wiley.com/doi/10.1002/9781394203680.ch16>
17. Bhattacharjee B, K S, Rynjah D, Kalita P, Newar A, Kalita K, et al. Recent trends in hydrogel-based formulation for the treatment of diabetic wounds: A review. *Journal of Drug Delivery Science and Technology*. 2025 May; 107:106848.

Published one German Patent on the topic “Fabrication of Lipid-Based Nanocarrier Drug Delivery for an Antibiotic” (IPC: A61K 47/14), Publication date: 14-09-2022

Research Experience:

- Doctoral thesis guided: N/A
- Research & Consultancy Projects: N/A
- Reviewer: Reviewer in the journal: Biomass Conversion and Biorefinery (Springer Nature)

Membership of Professional bodies: Indian Pharmaceutical Association

(ASS/GUWA/ON/OM/000046), Meghalaya Pharmacy Professional Association (MPPA/Reg./21)

Award, Fellowship & Recognition:

1. Awarded with MHRD-AICTE fellowship for M. Pharm. program (2019-2021).

Date: 07-04-2025

Damanbhalang Rynjah