

Academic CV – Dr. Hemanga Hazarika

Name: **Dr. Hemanga Hazarika**

Designation: **Associate Professor**

Address for Communication: Department of Pharmaceutics, GIPS-Tezpur

Mobile No.: 8638096366

WA No: 8638096366

Orcid ID: 0000-0002-5761-9790

WoS researcher ID: AAS-8050-2021

Email: hemanga14@gmail.com

Sex: Male

Date of Birth: 01/02/1991

Educational Qualifications:

Sl. No.	Examination passed	Year of passing	Board/Council	Specialization
1	HSLC/10th Std.	2007		
2	HSSLC/10+2 Std.	2009		
3	Graduation (B. Pharm.)	2013	Guhati University	
4	Post Graduation (M. Pharm.)	2015	Assam Science and Technology University	Pharmaceutics
5	PhD	2022	Dibrugarh University	Pharmaceutical Sciences
6	MBA	2015	Sikkim Manipal University	Total Quality Management

Languages known: English, Hindi, Assamese (Read, Write & Speak)

Academic/Administrative

Experience:

1. Co-ordinator of Research and Innovation Cell, GIPS-Tezpur
2. Co-ordinator of NBA cell
3. 4 years and 6 months of Teaching experience
4. 1 year experience as a Bench Chemist in the Regional Drugs Testing Laboratory, Min of Health and Family Welfare, Govt of India

Research Experience:

- 5 Years, Full-time JRF and SRF, DRDO, Min. of Defence, Govt. of India
- Supervising PhD Scholar: 01
- Doctoral thesis guided: NA
- Research & Consultancy Projects: A/F

Orcid ID: 0000-0002-5761-9790	H-index	11
Age on 31st Dec. 2025: 34 years 10 months and 28 days	Total number of citations (Till 23rd Dec. 2025)	367
Total number of research papers	10 (published in sci indexed journal)	
Total number of review papers	06 (published in sci indexed journal)	
Total number of book chapters	04 (published by Springer, CRC Press, and Elsevier)	
Total number of patents published	01 (Indian patent)	

Research paper published (as 1st or corresponding author since 2020):

Sl. No.	Title (Research publication)	Journal	Publisher and year	Authorship	Impact Factor	Citations
1	Essential oil-based controlled-release non-toxic evaporating tablet provides effective repellency against <i>Musca domestica</i>	Acta Tropica	Elsevier (2020)	1 st and correspondence	3.4	20
2	Design, development, and assessment of an essential oil-based slow-release vaporizer against mosquitoes	Acta Tropica	Elsevier (2020)	1 st and correspondence	3.4	12
3	The fabrication and assessment of mosquito repellent cream for outdoor protection	Scientific reports	Nature (2022)	1 st and correspondence	3.8	38
4	Bioaccumulation of Deltamethrin and Piperonyl butoxide in <i>Labeo rohita</i> fish	Ecotoxicology and Environmental Safety	Elsevier (2024)	1 st author	6.2	02

Review paper published (as 1st or corresponding author since 2020)

Sl. No.	Title (Review publications)	Journal	Publisher and year	Authorship	Impact Factor	Citations
1	Insecticide resistance in mosquitoes: molecular mechanisms, management, and alternatives	Journal of Pest Science	Springer Nature (2025)	1 st and correspondence	4.1	04
2	Technological Advancements in Mosquito Repellents: Challenges and Opportunities in Plant-Based Repellents	Acta Parasitologica	Springer Nature (2025)	1 st and correspondence	1.5	06
3	Heavy metal-induced neurotoxicity and endocrine disruption from e-waste: emerging health challenges and intervention strategies	Toxicology and Environmental Health Sciences	Springer Nature (2025)	correspondence	1.0	01

Editorial roles:

1. **Editorial board member as Community Reviewer:** Joined the editorial board of Ethnopharmacology, a section within Frontiers in Pharmacology, as a community reviewer

Link: <https://www.frontiersin.org/journals/pharmacology>

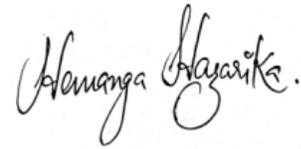
2. **Guest Associate Editor Infectious Diseases:** Pathogenesis and Therapy (Publisher: Frontiers)

A peer-reviewed journal focusing on the molecular and cellular mechanisms underlying human infectious diseases, host–pathogen interactions, and determinants of disease progression, to advance evidence-based strategies for improved clinical management and therapeutic interventions. Link: <https://www.frontiersin.org/journals/medicine/sections/infectious-diseases-Pathogenesis-and-therapy>

3. **Editor of the ongoing book project titled “Handbook of Pharmaceutical Science and Technology” (Multi-volume)** – A comprehensive academic reference to be published by **CRC Press (Taylor & Francis)**, covering pharmaceutical formulation, advanced manufacturing, novel drug delivery systems, and the integration of traditional medicine with modern pharmaceutical practices. Volumes include: **(1) Dosage Forms and Formulation, (2) Process Technology and Drug Delivery, and (3) Traditional Systems, Analytical Techniques, and Quality Control. Catalog #: 678637 | ISBN: 9781041048473**

4. **Editor of the ongoing book project titled “Insect Repellents and Human Toxicity – Dermatologic Safety, Toxicologic Mechanisms, and Regulatory Perspectives,” to be published by Springer Nature Switzerland AG, Gewerbestrasse 11, 6330 Cham, Switzerland**

5. Peer Reviewer: Scientific Reports (Nature), Journal of King Saud University - Science (Elsevier), DARU Journal of Pharmaceutical Sciences (Springer), Journal of Pest Science (Springer), Future Journal of Pharmaceutical Sciences (Springer), Toxicon (Elsevier), International Journal of Biological Macromolecules (Elsevier), Cutaneous and Ocular Toxicology (Taylor and Francis), Parasites and Vectors (Springer), The Journal of Basic and Applied Zoology (Springer), International Journal of Tropical Insect Science (Springer), Chemical and Biological Technologies in Agriculture (Springer)



Dr. Hemanga Hazarika

Date: 23rd December, 2025

Place: Tezpur, Assam, India