

CV of Dr. DIPUNJA GOHAIN

Name: Dr. DIPUNJA GOHAIN

Designation: Assistant Professor

Address for Communication: (office) Academic Building, Ground Floor, Girijananda
Choudhury University, Azara, Assam-781017.

Mobile No.: 9365078923

WA No: 9365078923

Email: dipunjagohain44@gmail.com

Sex: Male

Date of Birth: 01/02/1994.

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.	2010	SEBA	
2	HSSLC/10+2 Std.	2012	AHSEC	Science
3	Degree (B.Sc.)	2015	Dibrugarh University	Mathematics
4	Master's Degree (M.Sc.)	2017	Gauhati University	Applied Mathematics
6	Ph. D.	2024	Gauhati University	Mathematics (Fluid Dynamics)

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

List of Publications:

1. Ahmed, N., Bormudoi, M., & Gohain, D. (2024). Laminar boundary layers in three-dimensional mhd natural convective flow past a semi-infinite vertical plate with variable sinusoidal suction. *ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik*, e202400107.
2. Ahmed, N., & Gohain, D. (2024). Heat and mass transfer analysis of a three-dimensional mhd convective flow with sinusoidal suction in the presence of radiation absorption and diffusion thermo effect. *International Journal of Applied and Computational Mathematics (ESCI, SCOPUS)*, 10(1), 7. <https://doi.org/10.1007/s40819-023-01644-x>
3. Gohain, D., Bordoloi, R., & Nazibuddin, A. (2024). Soret effect with chemical reaction on unsteady mhd flow of nanofluid past an impulsively started infinite vertical plate embedded in a porous medium. *Journal of Nanofluids (ESCI, SCOPUS)*, 12(7), 1804–1814. <https://doi.org/10.1166/jon.2023.2058>
4. Bordoloi, R., Gohain, D., Ahmed, N., & Chamkha, A. J. (2023). An exact analysis of radiation absorption and dufour effect on mhd convective flow of cu-water nanofluid with heat generation and chemical reaction. *International Journal of Modern Physics B (SCIE)*, 2450371. <https://doi.org/10.1142/S0217979224503715>
5. Gohain, D., Krishna, T. B., & Ahmed, N. (2023). Natural convective mhd nanofluid flow past a vertical plate embedded in a porous medium with thermal diffusion and hall current. *ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik (SCIE)*, e202200410. <https://doi.org/10.1002/zamm.202200410>
6. Ahmed, N., & Gohain, D. (2022). Natural mhd convection for an impulsively started infinite vertical plate with diffusion-thermo effect, induced magnetic field, and ramped wall temperature and concentration. *Heat transfer, (SCOPUS, ESCI)*, 51(2), 2129–2154. <https://doi.org/10.1002/htj.22392>
7. Gohain, D., & Ahmed, N. (2022). Diffusion-thermo effect on convective mhd flow of cu-water nanofluid including ramped wall temperature, velocity and concentration. *ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik (SCIE)*, e202200152. <https://doi.org/10.18311/ajprhc/2020/25775>
8. Mridusmita Bormudoi, R. B., & Gohain, D. (2008). Influence of chemical reaction on a mhd rotating fluid past a vertical isothermal plate with thermal radiation and heat sink. *Proceedings of the National Conference of Mathematics and its Application in Science*, 153–158.

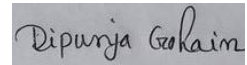
Research Experience: 5 years

Area of Research: Fluid Dynamics, Magnetohydrodynamics and Heat and Mass transfer.

Award, Fellowship & Recognition:

1. Academic excellence award in B.Sc. 3rd semester.
2. Cleared **GATE - 2019**.
3. Cleared **CSIR-UGC-NET-JRF DECEMBER - 2019** with **AIR 145**.

Date: 01/10/2024



Dr. Dipunja Gohain