

Vishal Saikia

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Personal Details

Designation	Assistant Professor, Department of Mathematics, Majuli College
Date of Joining	17/02/2025
Present Address	Department of Mathematics, Majuli College, Kamalabari, Majuli, Assam, Pin-785106
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Languages Known	Assamese, English and Hindi

Education

2020	M.Sc in Mathematics from Dibrugarh University, Dibrugarh
2018	B.Sc in Mathematics from Moran College, Moranhat
2015	HS (Science) from Moran College, Moranhat
2013	HSLC from St. Joseph's High School, Moranhat

Research Work

Conference Proceedings

- 1 V. Saikia and P. N. Deka, "Analysis of MHD ternary hybrid nanofluid flow over a moving thin needle in a Darcy-Forchheimer porous medium utilizing Cattaneo-Christov heat flux model," in *Proceedings of the National Conference on Current Trends on Basic Sciences and its Applications*, Department of Physics, Tinsukia College, Tinsukia, 2024, pp. 133–149.
- 2 V. Saikia and P. N. Deka, "Impact of Hall current on chemically reactive Darcy-Forchheimer flow of hybrid nanofluid over moving slender needle," in *Springer Proceedings in Physics (Scopus Indexed)*, Sikkim Manipal Institute of Technology, Sikkim, 2024, pp. 540–559.

Book Chapter

- 1 V. Saikia and P. N. Deka, *MHD Darcy- Forchheimer ternary Ag-Au-Cu/ H₂O hybrid nanofluid flow over moving thin needle under the influence of Hall current and chemical reaction*. Nanofluid Dynamics and Transport Phenomenon, CRC Press, Taylor & Francis Group, 2024, ISBN: 9781032863757.