Dr. Prasenjit Saha (Ph.D.)

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Academic Qualification:

- **2019** **Ph.D. in Mathematics,** Visva-Bharati
- **2013** **M.Sc. in Mathematics,** Visva-Bharati
- **2011** **B.Sc. in Mathematics,** Visva-Bharati
- **2014** UGC-CSIR **NET**
- **2013** **GATE 2013**

Area of Specialization: **Fluid Dynamics**

Teaching Experience: **7+ Years**

- 14.03.2017-13.03.2021: Dept. of Mathematics, Suri Vidyasagar College as Assistant Professor (Stage-I) (WBCSC).
- 14.03.2021- Till date: Dept. of Mathematics, Suri Vidyasagar College as Assistant Professor. (Stage-II) (WBCSC).

Administrative Positions:

- **Head of the Department**, Department of Mathematics, Suri Vidyasagar College, Suri, Birbhum (2018 to 2020).
- **Member** of Students Counselling and Placement Committee, Suri Vidyasagar College, Suri, Birbhum, (2018 to Till Date)
- **Member** of Grievance Redressal Cell, Suri Vidyasagar College, Suri, Birbhum, (2018 to Till Date)

Publications: **8** Research articles published in International Journals

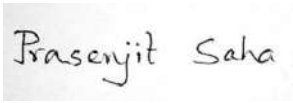
List of Publications:

- D. Pal and **P. Saha** (2024), Impact of variable viscosity, thermal conductivity, and Soret–Dufour effects on MHD radiative heat transfer in thin reactive liquid films past an unsteady permeable expandable sheet, Heat Transfer, DOI: https://doi.org/10.1002/htj.23096 (2024). [ISSN: 2688-4542].
- D. Pal and **P. Saha** (2024), Thin film flow of chemically reactive nonlinear thermally radiative magnetized variable viscosity fluid over a stretchable surface with non-uniform heat source/sink and Fick's mass flux theory, Numerical Heat Transfer, Part A: Applications, DOI: https://doi.org/10.1080/10407782.2024.2341294 (2024). [ISSN: 1521-0634].

- **P. Saha** (2023), Effects of non-uniform heat source-sink and nonlinear thermal radiation on MHD heat and mass transfer in a thin liquid film, Communications in Mathematics and Applications (CMA), Vol. 14, No. 5, pp. 1857-1870 (2023). [ISSN: 0976-5905].
- **P. Saha** (2021), Nonlinear thermal radiation and temperature dependent viscosity effects on MHD heat and mass transfer in a thin liquid film over a stretching surface, Journal of Mathematical and Computational Science (JMCS), Vol. 11 No. 6 pp. 8240-8257 (2021). [ISSN: 1927-5307].
- D. Pal and **P. Saha** (2021), Analysis of unsteady magnetohydrodynamic radiative thin liquid film flow, heat and mass transfer over a stretching sheet with variable viscosity and thermal conductivity, International Journal for Computational Methods in Engineering Science and Mechanics, Vol. 22, No. 5, pp. 400-409 (2021). [ISSN: 1550-2287].
- **P. Saha** and D. Pal (2018), Combined effects of temperature dependent viscosity and nonlinear thermal radiation in a thin liquid film over a permeable stretching surface in presence/absence of magnetic-field, Seminar Proceedings of the National Seminar on Recent Advances in Mathematics, Pingla Thana Mahavidyalaya, LAP LAMBERT Academic Publishing, pp. 57-77 (2018). [ISBN: 978-613-9-82486-1].
- D. Pal, **P. Saha** and K. Vajravelu (2017), Combined effects of nonlinear thermal radiation and internal heat generation/absorption on heat and mass transfer in a thin liquid film on a permeable unsteady stretching surface with convective boundary condition, International Journal of Applied and Computational Mathematics, Vol. 3, pp. 2151-2169 (2017). [ISSN: 2349-5103].
- D. Pal and **P. Saha** (2016), Influence of nonlinear thermal radiation and variable viscosity on hydromagnetic heat and mass transfer in a thin liquid film over an unsteady stretching surface, International Journal of Mechanical Sciences, Vol. 119 pp. 208-216 (2016). [ISSN: 0020-7403].

Active participation in Academic Courses:

❖ **Participated in several seminar/webinars.**



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July, 2024