



Mr. Kalyan Saha

B.Sc. M.Sc. (Visva-Bharati), Ph.D. Pursuing (IIT Kharagpur)

Assistant Professor

Department of Mathematics

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Member of Professional Bodies: Life Member of Indian Mathematical Science (IMS)

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Subject specialization : Applied Mathematics

Areas of Research Interest : Bio-Fluid Mechanics, Microfluidics

Achievement & Awards :

- Recipient of UGC fellowship July 2016-Sept 2018 (Junior Research Fellow at IIT Kharagpur).
- Qualified National Eligibility Test (NET) June 2015, Dec 2015 & June 2016.
- Qualified Graduate Aptitude Test in Engineering (GATE)-2016.
- Secured 1st position in M.Sc. Examination (2016) at Visva-Bharati, Santiniketan.
- Secured 3rd position in B.Sc. Examination (2014) at Visva-Bharati, Santiniketan.
- Qualified Joint Admission test for M.Sc. (JAM)-2014.
- Recipient of West Bengal Merit-cum-Means Scholarship 2009-2016.

Additional information: For more details please visit [Google Scholar](#) or [Research Gate](#)

Professional experiences:

Teaching experience: September 2018-Present as Assistant Professor at Department of Mathematics, NBU.

Research experience: July 2016-Present.

List of Publications:

Journal Papers:

- **Kalyan Saha**, PVSN Murthy, Suman Chakraborty, Rheology-modulated alterations in electro-magneto-hydrodynamic flows in a narrow cylindrical capillary: Contrasting trends in high and low surface charge limits, *Electrophoresis* 43.5-6 (2022): 732-740.

Book chapter: Nil

Paper presented in conferences: Nil