Curriculum Vitae

**Name** : Dr. Parismita Phukan

**Assistant Professor, Department of Mathematics**

**The Assam Royal Global University**

# Personal Details :

* Date of Birth : 3rd April, 1994.
* Nationality : Indian.
* Sex : Female.
* Marital Status : Unmarried.
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# Academic Qualifications :

* **Awarded PhD,** Cotton University (2024)
  + **Area: Fluid Dynamics**
* **Integrated M.Sc. in Mathematics** ( 2017 ), Tezpur University, Assam.
* **Higher Secondary** ( 2012), Salt Brook Academy, Dibrugarh ( AHSEC). Specialization in Science
* **Matriculation** ( 2010 ), St Francis de Sales School, Dhemaji ( SEBA)

# Achievements :

* **STATE ELIGIBILTY TEST for LECTURESHIP,** 2019.

# Experience :

* **Visiting faculty of The Assam Royal Global University,** (Oct 2023- Dec 2023)
* **Guest faculty of B. Borooah College,**(Nov 2020 – Sept 2022)

# List of Publications :

* H. Deka and P. Phukan **.``** THERMO-DIFFUSION EFFECT OF TRANSIENT MHD CASSON FLUID PAST AN OSCILLATING INCLINED PLATE’’**.** *Journal of Rajasthan Academy of Physical Sciences,* **21**: 2022.
* Phukan, P., & Deka, H. (2024). A NUMERICAL STUDY ON MHD FLOW OF A CASSON FLUID PASSING THROUGH A VERTICAL CONE WITH SUCTION VELOCITY AND THERMO-DIFFUSIVE EFFECTS. *Latin American Applied Research-An international journal*, *54*(2), 231-238.
* Hiren Deka, Parismita Phukan\*, Puja Haloi**. “**NUMERICAL ANALYSIS OF ENTROPY GENERATION OF MHD CASSON FLUID FLOW THROUGH AN INCLINED PLATE WITH SORET EFFECT.” *EAST EUROPEAN JOURNAL OF PHYSICS*. **2.** 192-200 (2024)
* Hiren Deka and Parismita Phukan. “Numerical Study of Convective Flow of Casson Fluid Through an Infinite Vertical Plate with Induced Magnetic Field.” *EAST EUROPEAN JOURNAL OF PHYSICS*. (accepted)
* Hiren Deka, Parismita Phukan\*, Puja Haloi. “Generation of entropy for MHD flow of Casson fluid past a vertical cone with Dufour effect.” *International Journal of Applied Mechanics and Engineering.* (accepted)

**Book Chapters:**

* Parismita Phukan. “**MHD free convection problems”** Trending Research in Pure and Applied Mathematics. ISBN : 978-81-949278-0-8

# Conference/Workshops :

* North East Summer Workshop in Analysis and Probability 2017(funded by ISI), Manipur University, Imphal, July 06-10, 2017.
* UGC SAP Sponsored National Seminar on “Topology & Algebra, NEHU,Shillong,March

13-14,2019.

* Presented paper at National Conference on Mathematics and its Applications-II , Cotton University.

**Software Skills:**

* MATLAB
* Mathematica
* LATEX
* PYTHON