PROFILE

I am Rujda Parveen, a Research scholar and presently pursuing Ph.D. in Mathematics from Visva-Bharati (A Central University), Santiniketan, West Bengal. My research mainly focuses on fluid dynamics and Heat transfer phenomenon using nanofluid as a medium. So far, I have published 06 research articles in peer-reviewed journals and presented 06 oral/poster presentations at various National/International Conferences.

SKILLS

- Self confidence
- Hard working with positive attitude
- Able to create a vibrant and effective learning workplace
- Profound knowledge of the subject and have great passion and love for the subject.
- Good communication and computer skills

EDUCATION QUALIFICATION

- 2016 – Present Research Scholar in Visva Bharati (A Central University), Santiniketan, West Bengal
- 2014 – 2016 M.Sc (Maths), Jamia Millia Islamia (A Central University), New Delhi
- 2011 – 2014 B. Sc (Maths Hons), University of Calcutta, Kolkata
- 2009 – 2010 High Secondary, CBSE , Army Public School, Kolkata
- 2007 – 2008 Senior Secondary, CBSE , Army Public School, Kolkata

ACHIEVEMENTS

- Selected as INSPIRE FELLOW, 2018
- University Rank holder and awarded a Gold Medal in M.Sc, 2016.
- Qualified GATE, 2016

PUBLICATIONS

- T. R. Mahapatra and **Rujda Parveen**, Entropy Generation in MHD Natural Convection within curved enclosure filled with Cu-Water Nanofluid, Journal of Nanofluids (ASP) Vol. 8, 2019.
- **Rujda Parveen** and T. R. Mahapatra, Numerical simulation of MHD double diffusive natural convection and entropy generation in a wavy enclosure filled with nanofluid with discrete heating, Heliyon (Elsevier) 5 (2019) e02496.

- **Rujda Parveen** and T. R. Mahapatra, Study of entropy generation and MHD natural convection in a curved enclosure having various amplitude and filled with Cu-TiO_2/water hybrid nanofluid, Journal of Nanofluids (ASP) , Vol. 10, 2021.
- Priyajit Mondal, T. R. Mahapatra, **Rujda Parveen**, Entropy generation in a nanofluid flow due to double diffusive MHD mixed convection, Heliyon (Elsevier) 7 (2021) e06143.
- **Rujda Parveen**, Priyajit Mondal, T. R. Mahapatra, Double diffusive MHD natural convection and Entropy generation in a discretely heated inclined dome-shaped enclosure filled with Cu-water nanofluid. Vol. 10 (2021) 564-579.
- **Rujda Parveen** and T. R. Mahapatra, Heat and mass source effect on MHD double diffusive mixed convection and entropy generation in a curved enclosure filled with nanofluid, Nonlinear Analysis Modelling and Control (Vilnius University Press) 1 (2022) 1-23 .

CONFERENCES

International: 04

- International Conference on Mathematical Modelling Applied Analysis and Computation (ICMMAAC), 2021
- Recent Advances in Pure and Applied Mathematics (RAPAM), 2020
- Mathematical Modelling and its Application (MMA), 2020
- International Conference on Advancement in Science and Technology (ICAST), 2018

National: 01

- Mathematics and its Application in Science, 2020

State: 01

- West Bengal Science Congress, 2018

PERSONAL DETAILS

Date of Birth : 7th March 1993
Father's Name : M. H. Chowdhury
Mother's Name : Aktari Chowdhury
Religion : Islam
Gender : Female
Nationality : Indian
Marital Status : Single
Language : English, Hindi, Bengali
Address : 3D/1 Bindubasini Street, Mominpore, Kolkata-27