Work Address

Dream Institute of Technology, Thakurpukur, B.H. Road
Kolkata- 700104
Phone: (033)24980376 (office)
Fax: 033 23980244 (office)
Mobile No: +91 9874197918
E-Mail: rujdaparveen7@gmail.com

Dr. RUJDA PARVEEN

Objective : Upgrading the educational process and ensuring an interactive Environment in which teaching, research, training, upgrading skills and practical applications are integrated so that the student's Experience is enriched.

Experience : 1. Oct, 2023 to Present - **Dream Institute of Technology**
Assistant professor
Basic science and humanities
2. Oct, 2022 to Sep, 2023 - **Sanaka Educational Trust's Group of Institutions**
Assistant professor
Basic science and humanities

Education : **Ph.D. (Mathematics) -** Visva Bharati, West Bengal, 2023
M.Sc. (Mathematics) - Jamia Millia Islamia, New Delhi, 2016
B.Sc. (Mathematics) - University of Calcutta, West Bengal, 2014

Software Proficiency: MS Excel, MS Word, MS Power point, Fortran, Latex

Publications

1. T. R. Mahapatra and **Rujda Parveen**, Entropy Generation in MHD Natural Convection within curved enclosure filled with Cu-Water Nanofluid, Journal of Nanofluids (ASP) (2019) Vol. 8(5), pp.1051-1065.
2. **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) (2019) Vol. 5(9), pp.e02496.
3. **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) (2021) Vol. 10(3), pp.339-354.
4. 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.
5. **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.Journal of Nanofluids (ASP) (2021) Vol. 10(4), pp.564-579.
6. **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) (2022) Vol. 27(2), pp.308-330.
7. F. Wang, M. Awais, **Rujda Parveen**, M.K. Alam, A. Rehman, A.M.H. Deif, N.A. Shah, Melting rheology of three-dimensional Maxwell nanofluid (Graphene- Engine-Oil) flow with slip condition past a stretching surface through Darcy-Forchheimer medium, Results in Physics (Elsevier) (2023), pp. 106647.

Workshop Attended

Presentation

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

Participation

- International Webinar on Advances in Mathematical Science, 2023.
- One week International Faculty Development Programme, Department of Information Technology and Engineering, Amity University, Tashken, 2023.
- A National Seminar on Visva Bharati Meet on Algebra and its Applications, Department of Mathematics Visva-Bharati, India, 2018.