Name : **Dr. Supreeti Das**

Designation: **Associate Professor**

Address: **402, Sumeru Tower , Kaushambi,Ghaziabad 201010**

Mobile # : 9810528425

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Educational Qualifications:

B.Sc. Physics (Hons.) St. Stephen's College, D.U. 1983

M.Sc. Physics I.I.T. Kanpur 1985

Ph. D. Physics I.I.T. Kanpur 1991

Funding awarded through GATE by IIT Kanpur,for Ph.D. 1985-1991:

Career Profile:

Lecturer: 1992-1996

Senior Lecturer: 1996-2001

Reader 2001-2006

Associate Professor 2006- till date

Total teaching experience – 31+ years

Administrative Assignments

Students' Union Advisor: 2000-2002

TIC Physics Dept. 2003-2005 and 2017-2019

Deputy Superintendent, Examinations May-June,2011

Proctor: 2014-15

Convenor (Sciences) Path Finder Award Committee

Bursar: April 2021- June 2023

Convenor Internal Assessment Committee: April 2021- June 2023

Specialization : Nonlinear Dynamics and Chaos Theory

Areas of Interest: Neuron Dynamics, Heat Transfer in Nanofluids

Subjects Taught: Mathematical Physics, Quantum Mechanics, Nuclear and Particle Physics

Research Guidance: M.Sc. Dissertation (2020):

Ms. Sonia, Galgotia University, Greater NOIDA

Title: Carbon Nanotubes as Interconnects

Recent Publications

Book- **Laplace and Fourier Transforms for Physicists and Engineers published by Scientific International (2017)**

Paper Presentation/ Resource Person

1. Presented the paper **Natural Convection in a square enclosure with SiC -Oil** (ICCIASH-2022) organized by Department of Science and Humanities , St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India,2022
2. Delivered a talk, **Applications of nonlinear dynamics in Physics**,as a resource person in six day Faculty Development programme on "Research Techniques in Science and Technology" Organized by K.R.Mangalam University, Gurugram in Collaboration with Gargi College, University of Delhi,2022

3.Presented the paper, **Nanofluids for Thermal Management in Defence Applications** in AFMD'23 organized by ARSD College, Delhi University

4.Presented the paper **Thermophysical Properties of SWCNT-water nanofluid**,in NCMD 22, organized by TMU.

Research Grant and Collaborations

1. 2015-16: Funding awarded by University of Delhi, for Innovation Project: DNA barcoding for grasses of Aravalli range in Delhi region and subsequent creation of database of DNA barcode sequence information: An essential study for formulating future conservation strategies
2. 2017-19: Funding awarded by UGC for minor project, Designing Efficient Thermal Flow Nanofluids