



Name: Dr. Preeti Gupta
Designation: Assistant Professor(Mathematics)
Institution Name: S.S Jain Subodh Girls P G College, Sanganer Jaipur
Teaching Experience: 10 Years
Contact No.: 9460144443 F-mail: nritimbgunta@gmail.com

▼ Objective

- Enthusiastic individual with excellent academic, organizational and interpersonal abilities and a passion for teaching.

▼ Academic Qualification

Sr.No.	Exam/Degree	Year	Board/University
1.	Secondary Examination	2005	RBSE
2.	Senior Secondary	2008	RBSE
3.	B.Sc.	2011	University of Rajasthan, Jaipur
4.	M.Sc.	2013	University of Rajasthan, Jaipur
5.	B.Ed.	2014	MDS University, Ajmer
6.	Ph.D.	2019	Manipal University, Jaipur

▼ Working Experience- 10 Years

Teaching from 2013 to 2017, Lecturer, Stani Memorial PG College, Jaipur.

Teaching From 2019 till date, Assistant Professor, S.S. Jain Subodh Girls P.G. College, Sanganer, Jaipur

▼ Publications

Paper Publications

Title	Journal Name	ISBN NO./ISSN No.	Volume	Page No.	Year
Numerical Study of Unsteady Inclined MHD Casson Fluid Flow and Heat Transfer through Porous Medium along a Vertical Plate	<i>Global and Stochastic Analysis</i>	ISSN No- 22489444		33-40	2017

Flow and Heat Transfer of Carbon Nanotubes Nanofluid flow over a 3-D Inclined Non-linear Stretching Sheet with Porous Media	<i>Lecture Notes in Mechanical Engineering-Springer</i>	ISSN No-21954364		321-329	2018
Numerical Study of Water Based Carbon Nanotubes Nanofluid Flow over a Nonlinear Inclined 3-D Stretching Sheet for Homogenous-Heterogeneous Reactions with Porous Media	<i>Lecture Notes in Electrical Engineering-Springer</i>	ISSN No-18761100	Vol-478	633-649	2018
Entropy Generation Analysis with Non-linear Convection on MHD Williamson Fluid Flow through a Porous Stretching Sheet	Journal of Nanofluids	ISSN No-2169432X	Vol-8	1-9	2019
Entropy Generation Analysis of MHD Viscoelasticity-Based Micropolar Fluid Flow Past a Stretching Sheet with Thermal Slip and Porous Media	International Journal of Applied and Computational Mathematics	ISSN No-21995796	Vol-5, ISSUE 61		June, 2019
Entropy Generation Analysis of Carbon nanotubes Nanofluid 3D Flow along a Nonlinear Inclined Stretching Sheet through Porous Media	International Journal of Heat and Technology	ISSN No-03928764	Vol-37, ISSUE 1	131-138	March, 2019
Second Law Analysis of MHD Casson and Maxwell Fluid Flow over a Permeable Stretching Sheet with Homogenous Heterogeneous Reactions with Space and Temperature Dependent Non-uniform Heat Source/Sink	Indian Journal of Pure & Applied Physics	ISSN No-00195596	Vol-57	385-399	June, 2019

Paper presentation in Seminar/ Conference/Workshop

1. International/National

Sr. No.	Title of paper	Name of Seminar/ Conference/Workshop	Year
1	MHD 3D Rotating Flow of Carbon Nanotubes Nanofluid through Squeezing Permeable Channel with Convective Heating	RTIAS-24, School of basic and applied sciences, Sangam University, Bhilwara	January 22-24, 2024
2	Influence of Mathematics in NEP-2020	NEP: Opportunities and challenges in higher education- 2024	Jan 19-20, 2024
3	A Study of Mathematical applications in AI and Machine Learning	Applications of AI in multidisciplinary Field	Feb 10-11, 2024
4	Entropy Generation Analysis of Chemically Reacting Maxwell Fluid Flow over a Permeable Surface through Exponentially Space Dependent Heat Source	Recent Advancements in Computational Mathematics and Engineering Sciences, RTU & VIT	Nov 9-10, 2019
5	Second Law Analysis of Sea Water Based CNT's Nanofluid flow along a Non-linear 3D Inclined Stretching Sheet for Homogenous Heterogenous reactions with porous media	ICMMC-2018, Dept. of Mathematics JECRC, Jaipur	April 6-7, 2018 Jaipur
6	Entropy Generation Analysis of Carbon Nanotubes Nanofluid flow along a Inclined Non-linear 3D Stretching Sheet through Porous Media	MSRC-2018 at SMIT, Sikkim Manipal University	March 15-16, 2018
7	Numerical Study of Water Based Carbon Nanotubes Nanofluid flow over a Non-linear Inclined 3D Stretching Sheet for Homogenous Heterogenous Reactions with	ICOEVCI-2018, Manipal University Jaipur	March 9-10, 2018

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3	A Study of Mathematical applications in AI and Machine Learning	Applications of AI in multidisciplinary Field	Feb 10-11, 2024
4	Entropy Generation Analysis of Chemically Reacting Maxwell Fluid Flow over a Permeable Surface through Exponentially Space Dependent Heat Source	Recent Advancements in Computational Mathematics and Engineering Sciences, RTU & VIT	Nov 9-10, 2019
	Porous Media		
8	Entropy Generation Analysis of Maxwell fluid flow over a permeable surface in the presence of exponentially space dependent heat source	Intercepting Emerging Domains in mathematical Sciences and 22 Prof. P. D. Verma Memorial Lecture, MUJ	Sep 7-8, 2018
9	Flow and Heat Transfer of Carbon Nanotubes Nanofluid flow over a 3D Inclined Non-linear Inclined Stretching sheet with Porous media	NHTFF-2018, National Institute of Technology, Warangal	January 19-21, 2018
10	Entropy Generation Analysis in Casson Fluid Flow over a Permeable Stretching Surface with Variable Heat Source	20 th Annual Conference of Vijana Parishad of India on (MSSCID-2017), Manipal University Jaipur	November 24-26, 2017
11	Temperature Distribution of Casson Fluid Flow over a Permeable Surface with Heat Source	IMSCT 2016-FIM XXV, Manipal University Jaipur	December 22-24, 2016

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2	Influence of Mathematics in NEP-2020	NEP: Opportunities and challenges in higher education- 2024	Jan 19-20, 2024
3	A Study of Mathematical applications in AI and Machine Learning	Applications of AI in multidisciplinary Field	Feb 10-11, 2024
4	Entropy Generation Analysis of Chemically Reacting Maxwell Fluid Flow over a Permeable Surface through Exponentially Space Dependent Heat Source	Recent Advancements in Computational Mathematics and Engineering Sciences, RTU & VIT	Nov 9-10, 2019
12	Unsteady Flow and Heat Transfer of Casson Fluid through Porous Medium along a Vertical Plate	24 ICFIDCAA, Anand International College, Jaipur	August 22-26, 2016

▼ Others Achievements

- Admission Counselor
- External examiner for university examination.
- Participated in many National/ International conferences, workshop and seminars
- NAAC - Member
- Excellent teaching record and student feedback from the institution.
- Conducted research studies of national importance with IIME, Jaipur. 2012
- Awarded for securing First position in M. Sc(P) Maths: By St. Wilfred PG College
- Attended 4th National workshop on Scientific Computational Techniques (SCT), which was organised by Department of Mathematics & Statistics, Manipal University Jaipur from July 20-22, 2017
- Attended 3rd National workshop on Scientific Computational Techniques (SCT), which was organised by Department of Mathematics & Statistics, Manipal University Jaipur from March 10-12, 2016.

- Attended 17th International Conference of International Academy of Physical Sciences (CONIAPS-XVII), Which was organised by University of Rajasthan, Jaipur on January 16-18, 2015.
- Attended the workshop on Faculty Development Programme (FDP-2015), which was organised by Department of Mathematics & Statistics, Manipal University Jaipur from July 20-25, 2015.
- Workshop program of pharma co vigilance and mathematical science: On research based education for hi-tech Innovation organized at Jyotividyapeeth Women's University in collaboration with Vedaant Resources, (2nd. & 3rd. April 2011).

▼ Subject Specialization

- Fluid Dynamics

▼ Personal Detail

- Date of Birth:04-01-1990
 - Marital Status:Unmarried
 - Father/Husband's Name: Mr. Bal Krishna Gupta
 - Language Proficiency: English, Hindi
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I hereby declare that all the information contained in this resume is in accordance with facts or truths to my knowledge.

Date:05-02-2024

Place: Jaipur

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