




Faculty Profile Of

M. J. P. Rohilkhand University, Bareilly.

Title	Miss	First Name	Shivangi	Last Name	Verma	Photograph
Designation		Assistant Professor (Contractual)				
Department		Department of Applied Maths				
Address	Campus	Dept. of Applied Maths., Basic Science Building.				
	Residence	Suresh Sharma Nagar, Nawada Road, Bareilly, 243006				
Mobile No.		8505971735				
Email ID		Personal		Shivangi4321.verma@gmail.com		
Educational Qualifications (Graduation Onwards)						
Course/Degree		Institution		Year	Details/Thesis Topic/Subjects	
Graduation		University of Delhi		2018	Mathematics Hons.	
Post Graduation		M.J.P.R.U. Campus		2021	Mathematics	
Ph.D.		M.J.P.R.U. Bareilly		Pursuing since 2021	Blood Flow in Arteries under the Effect of Magnetic Field.	
Career Profile						
Organization / Institution			Designation	Duration	Nature of Duties	
M.J.P.R.U. Campus			Assistant Professor (Contractual)	July 2021-continuing	Academic and Administrative	
Research Interests / Specialization						
Mathematics, Fluid Dynamics						
Research Experience in Years : 3 years						
No of Research Scholars Successfully Guided						
Name of Programme			Awarded		Under Supervision	
Ph.D.			00		00	
M.Sc. Dissertation			00		04(Co-Supervision)	
Researcher/ Expert ID	Orcid		Research Gate		Google Scholar	
	0009-0001-4592-		shivangi4321.verma@gm		shivangi4321.verma@gm	

	030X	ail.com	ail.com			
Teaching Experience (Subjects/Courses Taught) :						
2021-22: Topology, Mathematical Statistics, Engineering Mathematics						
2022-23: Topology, Mathematical Statistics, Engineering Mathematics						
2023-24: Topology, Biostatistics						
Publications /Academic Activities (Numbers Only)						
Books & Monographs (Single Author)	Research Papers Published in International Journals	4	Papers Presented in Seminars/ Conferences	2	Seminars/ Symposium Organized	Research Projects (Completed)
Books (Co-authored)	Research Papers Published in Other Journals		Seminar/ Conferences/ Workshops/ FDPs Attended	3	Workshops Organized	Research Projects (Ongoing)
Books (Edited)	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/ Conferences		Membersh ip of Academic/ Profession al Bodies	Foreign Countries Visited for Academic Assignmen ts
Chapters in Edited Books			Resource Lectures Delivered			

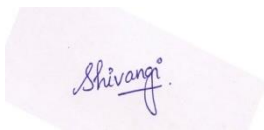
Details of Publications /Academic Activities			
(a) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals			
Year of Publication	Title	Name of Journal	ISSN No
2024	Computational Investigation of Brownian Motion and Thermophoresis Effect on Blood-based Casson Nanofluid on a Non-linearly Stretching Sheet.	Journal of Advanced Research in Numerical Heat Transfer <i>18(1), 49-67,</i> <i>https://doi.org/10.37934/arnht.18.1.4967</i>	2735-0142
2024	Computational Investigation of Brownian Motion and Thermophoresis Effect on Blood-based Casson Nanofluid on a Non-linearly Stretching Sheet with Ohmic and Viscous Dissipation Effects.	Communication in Non-linear Science and Numerical Simulation	Submitted
2024	Impact of Gold and Silver Nanoparticles Injected in Blood with Viscous Dissipation	Computer Methods in Biomechanics and Biomedical Engineering.	Under Review
2024	Mathematical Modeling of Unsteady Magnetohydrodynamic Casson Blood Flow Doped with Single and Multi-walled Carbon Nanotubes (CNTs) using a Fractional Derivative Formulation.	ZAMM-Journal of Applied Mathematics and Mechanics	Submitted
2024	Effect of Slip Velocity on Flow of Blood via a Deflated Artery consisting Multiple Irregularities	An International Conference on Frontiers in Pure and Applied Science.	Presented
2023	Study of Blood Flow Separation in Irregular Multi-Stenosed Artery.	International Conference on Applications in Pure and Applied Mathematics sponsored by SERS.	Presented
(b) Administrative Positions/Assignments Held			
Post	Organization	Duration	
		From	To
A.C.S.	M.J.P. Rohilkhand University Bareilly	2022	2023
A.C.S.	M.J.P. Rohilkhand University Bareilly	2023	2024
Cultural Coordinator	Dept. of Applied Maths, M.J.P.R.U., Bareilly	2022	continuing

(c) Seminar/Conference/FDPs Attended/Presented

1. Presented a Research Paper on “Study of Blood flow separation in irregular multi-stenosed artery” at the International Web Conference organized by MD University, Rohtak which was sponsored by Scientific and Engineering Research Society on the occasion of International Pi Day (14 Mar 2023).
2. Attended a 5-days FDP on “New Age Technologies” organized by SCOPE, VIT-AP University, Amaravati from 28/03/2023- 01/04/2023
3. Presented a Research Paper on “Effect of Slip Velocity on Flow of Blood via a Deflated Artery consisting Multiple Irregularities” at An International Conference on Frontiers in Pure and Applied Science (FERS-24) organized by KCMT, Bareilly(05-06 April 2024).

(d) Any Other Details

1. Hold the responsibility of Vice Head Girl during School time.
2. Hold the responsibility of Cultural Captain during School time.
3. Hold the responsibility of a Core team member of MATHARENA- College fest of Jesus and Mary College, University of Delhi.
4. NCC ‘C’ Certificate holder.
5. Conducted Maths Fest in Dept. of Applied Mathematics, M.J.P.R.U., Bareilly.
6. Supervised the Mid-Sem Exams of M.Sc. Maths in Dept. of Applied Maths, M.J.P.R.U., Bareilly.
7. Hold the responsibility of A.C.S. in End-Sem exams B.Tech. and M.Sc., M.J.P.R.U., Bareilly



Shivangi

Signature of Faculty Member

