




Faculty Profile
of
Mr. Haris Alam Zuberi
M. J. P. Rohilkhand University, Bareilly.

Title	Mr.	First Name	Haris	Last Name	Alam Zuberi	Photograph 
Designation		Assistant Professor				
Department		Applied Mathematics				
Address	Campus	Dept. of Applied Mathematics, Basic Science Building				
	Residence	138, Anand Vihar Colony, Rampur Road, Bareilly.				
Mobile No.		8630724827				
Email ID		Personal	haris.mjpru@gmail.com			
		University Domain	-			
Professional Networking ID, i.e. LinkedIn, Twitter etc.						
Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution/University		Details/Thesis Topic/Subjects			
B. Sc.	M. J. P. Rohilkhand University, Bareilly		PCM			
M. Sc.	M. J. P. Rohilkhand University, Bareilly		Mathematics			
Ph. D. (Pursuing)	M. J. P. Rohilkhand University, Bareilly		Thesis Topic : Magneto-Blood-Dynamics			
Career Profile						
Organization / Institution		Designation	Duration	Nature of Duties		
Mohammad Ali Jauhar University, Rampur		Lecturer	2016-2017	Academic & Administrative		
M. J. P. Rohilkhand University, Bareilly		Assistant Professor	2017-Continuing	Academic & Administrative		
Research Interests / Specialization						
Bio-Fluid Dynamics, Magnetohydrodynamics						
Research Experience in Years : 4.5 years						

No of Research Scholars Successfully Guided									
Name of Programme		Awarded			Under Supervision				
Ph.D.		-			-				
M.Sc. Dissertation		-			09 (Co-Supervision)				
Researcher/ Expert ID	Scopus	Orcid	Publons	Vidwan	Google Scholar				
	58983400100	0000-0002-9126-759X	ACU-5661-2022	-	haris.mjpru@gmail.com				
Teaching Experience (Subjects/Courses Taught) : 07 years									
2016-2017 : Modern Algebra, Mathematical Statistics, Real Analysis.									
2017-2018 : Engineering Mathematics- II, III , Advanced Abstract Algebra-I , Topology-II, Mathematical Statistics-II.									
2018-2019 : Engineering Mathematics-I, Advanced Abstract Algebra-I , II , Fluid Dynamics.									
2019-2020 : Engineering Mathematics-II, Advanced Abstract Algebra-I, II, Advanced Discrete Mathematics-I, II.									
2020-2021 : Advanced Abstract Algebra I, II, Advanced Discrete Mathematics-I, II.									
2021-22 : Advanced Abstract Algebra I, II, Advanced Discrete Mathematics-I, II.									
2022-23 : Advanced Abstract Algebra I, II, Advanced Discrete Mathematics-I, II, Engineering Mathematics-II, Research Methodology and Biostatistics.									
Publications /Academic Activities (Numbers Only)									
Books & Monographs (Single Author)	-	Research Papers Published in International Journals	09	Papers Presented in Seminars/ Conferences	04	Seminars/ Conferenc es Organized	-	Research Projects (Completed)	-
Books (Co-authored)	-	Research Papers Published in Other Journals		Seminar/ Conferences /Workshops /FDPs Attended	16	Workshop s 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	01	Foreign Countries Visited for Academic Assignmen ts	-
Chapters in Edited Books	03		Resource Lectures Delivered	-					

Details of Publications /Academic Activities (2010 Onwards)			
(a) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals			
Year of Publication	Title	Name of Journal	ISSN No
2020	A Two Phase Mathematical Model of Fluid Flow through Bell Shaped Stenotic Artery.	Int. J. of Innovative Technology and Exploring Engineering Vol. 9(5). 35-38.	2278-3075
2022	A Mathematical Model of Blood Flow in a Multi-irregular Stenosed Artery in Presence of Uniform Magnetic Field	International Journal of Biology, Pharmacy & Allied Sciences, Vol. 11(3),1394-1406.	2277-4998
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, Vol. 18 (1), 49-67.	2735-0142
2024	Impact of gold and silver nanoparticles injected in blood with viscous dissipation	Under Review in “Computer Methods in Biomechanics and Biomedical Engineering”	1476-8259
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	Submitted in “Journal of Magnetism and Magnetic Materials”	0304-8853
2024	Computational hemodynamics of Sisko-blood doped with gold and silver nanoparticles in a stenosed artery with porous walls	Under Review in “Numerical Heat Transfer, Part A : Applications”	1521-0626
2024	Computational investigation of Sisko model for gold-blood nanofluid with thermal analysis	Under Review in “Journal of Advanced Research in Fluid Mechanics and Thermal Sciences”	2289-7879
2024	Numerical Simulation of Blood Flow Dynamics in a Stenosed Artery Enhanced by Copper and Alumina Nanoparticles	Under Review in “Neural Computing and Applications”	1433-3058
2024	Mathematical Modeling of Unsteady Magnetohydrodynamic Casson Blood Flow Doped With Single and Multi-	Under Review in “ZAMM – Journal of Applied Mathematics and Mechanics”	0044-2267

	walled Carbon Nanotubes (CNTs) Using A Fractional Derivative Formulation		
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(b) Chapter/Paper Published in Edited Books

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISBN
National	International					
INSC Publishing House		COVID - 19 : a Drill Down Analysis	Mathematical Analysis of Spread of Corona Virus in India	INSC Publishing House, Karnataka	2020	9788197637028
Walnut Publication		Emerging Advances in Mathematical and Physical Sciences	A study on spread of Corona virus in India	Walnut Publication, Bhubaneswar (Odisha), India	2020	9789390261673
	Lexicon International Publishers	COVID-19 : The Clinical Management	Covid-19 : A Mathematical Approach	Lexicon International Publishers	2021	9788194914709

(c) Invited as Resource Lectures Person/Examiner/Expert

Resource person	Detail of Event	Title of Lecture	Date	Institution
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(d) Workshops/FDPs/STTPs attended

- 1) Participated in “Three Days” workshop on “Research Methodology and Data Analytical Tools” organized by “Faculty of Engineering and Technology, M. J. P. Rohilkhand University, Bareilly” during 23-25 January, 2019.
- 2) Participated in “Six Days” National level Faculty Development Programme on “Research Methods and Data Analysis using SPSS and AMOS” organized by M. J. P. Rohilkhand University, Bareilly during 27January – 01 February, 2020.
- 3) Participated in “Three Days” 5th International Conference on “Academic Research in Engineering, Management and Information Technology” organized by “Faculty of Engineering and Technology, M. J. P. Rohilkhand University, Bareilly” in association with “BMS College of Engineering, Bangalore” during 01-03 February, 2020.
- 4) Participated in “Five Days” Short Term Training Programme on “Advanced Computational Techniques in Engineering Sciences & Mechanics” organized by “Department of Mathematics, NIT, Uttarakhand” during 24-28 February, 2020.
- 5) Successfully completed “Two Weeks” Faculty Development Programme on “Managing Online Classes and Co-creating MOOCS : 2.0” conducted by “Teaching Learning Centre, Ramanujan College, University of Delhi” during 18 May – 03 June, 2020.

6) Successfully completed a “Six Weeks Course” on “Introduction to SageMath” organized by “Institute of Chemical Technology, Mumbai” under the aegis of TEQIP-III and MTTS Trust from 20 May – 30 June, 2020.

7) Successfully completed “One Week” Faculty Development Programme on “Open Source Tools for Research” conducted by “Teaching Learning Centre, Ramanujan College, University of Delhi” during 08-14 June, 2020.

8) Participated in “One Week” Faculty Development Programme on “LaTeX” conducted by “Department of Engineering Technology, LNCT College, Bhopal” in collaboration with IIT, Bombay from 06-10 July, 2020.

9) Participated in “Five Days” Faculty Development Programme on “Applied Mathematical Skills for Science and Engineering Using Contemporary Tools” conducted by “Maulana Abul Kalam Azad University of Technology, West Bengal” in association with “Islamic University of Science and Technology, Jammu and Kashmir” during 14-18 September, 2020.

10) Participated in “Five Days” Virtual International Workshop on “Pandemic and Socio-Economic Determinants : The Uses, Mathematics and Computations behind the modeling to inform decision makers” sponsored by TEQIP-III and organized by “NIT, Uttarakhand” during 08-12 February, 2021.

11) Participated in “Five Days” Workshop on “Role of Computational Fluid Dynamics for solution of Industrial Problems” organized by “Department of Mechanical Engineering, NIT, Meghalaya” in association with “Siemens Digital Industry Software” during 08-12 March, 2021.

12) Successfully completed the AICTE-ISTE approved “Orientation/Refresher Programme” on “Innovations in Management” organized by M. J. P. Rohilkhand University, Bareilly during 16th-22nd March, 2021.

13) Attended “iThenticate – Mechanism for Scholarly Writing” by “Turnitin” on 29th July, 2021.

14) Participated in “One Week” Workshop on “Hands-on-Training on Solving Differential Equations in Engineering Sciences” organized by “Department of Mathematics, NIT, Uttarakhand” during 21-25 June, 2022.

15) Participated in 5-Days FDP on “New Age Technologies” organized by SCOPE, VIT-AP University, Amravati from 28-03-2023 to 01-04-2023.

16) Participated in 2-Days Workshop on “Recent Advances in Differential Equations” organized by Division of Mathematics, School of Advanced Studies, Vellore Institute of Technology, Chennai from 8th-9th April, 2023.

(e) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till
-	-	-	-	-	

(f) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To
Departmental Website Incharge	M. J. P. Rohilkhand University, Bareilly	June, 2021	Continuing
(g) Seminar/Conference Presentations			
<p>1) Poster presentation on “Theoretical Analysis of Thermal Conductivity of Nanofluids ” in International e-Conference on "Recent Trends in Advancement of Mathematical and Physical Sciences" organized by Deva Nagari College, Meerut during “”.</p> <p>2) Presented a research paper entitled “A study on spread of the corona virus in India” in International E-Conference on Emerging Advances in Mathematical and Physical Sciences (IECEAMPS-2020) organized by Hindu College, Moradabad during .</p> <p>3) Presented a research paper entitled “Influence of Thermophoresis and Brownian Motion on MHD flow of blood with nanoparticles” in International Web Conference organized by M.D. University, Rohtak which was sponsored by Scientific and Engineering Research Society and held on the occasion of International Pi Day (14- Mar-2023) (Best paper award).</p> <p>4) Presented a research paper entitled “Computational Investigation of Sisko model for gold-blood nanofluid with thermal analysis” in “International Conference on Computational Methods in Engineering and Health Sciences-2023” organized jointly by “Manipal Academy of Higher Education-India, Universiti Putra-Malaysia, Kyushu Institute of Technology-Japan, Universiti Malaya, Malaysia and University Teknologi, MARA-Malaysia” and held in Kuching, Sarawak, Malaysia during 2-3 October, 2023.</p>			
(h) Memberships of Academic/Professional Bodies			
Life member of “The Indian Science Congress Association”			
(i) Awards and Achievements			
Name of Award	Awarding Agency	Year	
Best Research Paper Award on a research paper titled “Influence of Thermophoresis and Brownian Motion on MHD flow of blood with nanoparticles” in International Web Conference organized by M.D. University, Rohtak	M.D. University, Rohtak	2023	
Certificate of Recognition as Editor’s Choice Article	Journal of Advanced Research in Numerical Heat Transfer (Semarak Ilmu Publishing)	2024	
(j) Peer Reviewer			
<ol style="list-style-type: none"> Heliyon (Elsevier) Numerical Heat Transfer: Part A, Applications Journal of Indian Institute for Engineering, Management and Science 			
(k) Any other details			
<ol style="list-style-type: none"> Conducted Maths Fest in Dept. of Applied Mathematics, M.J.P.R.U., Bareilly in years 2020, 2021, 2022 and 2023. Conducted the Mid-Sem Exams of M.Sc. Maths in Dept. of Applied Maths, M.J.P.R.U., Bareilly. 			

3. Worked as A.C.S. in End-Sem exams of B.Tech. and M.Sc., M.J.P.R.U., Bareilly.

A handwritten signature in black ink, enclosed within a faint circular border. The signature is stylized and appears to be 'Z. Singh'.

Signature of Faculty Member