

Faculty Profile
Ram Lal Anand College, University of Delhi
Accredited by NAAC with A+ Grade
ISO 21001: 2018 and ISO 9001: 2015
NIRF 2025 AI Rank - 90



Title	Dr.	Name :	Meghna Sharma	
Department	Mathematics			
Designation	Assistant Professor			
Phone				
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Institutional Web page	https://rlacollege.edu.in/images/Prof%20Rakesh%20Gupta%20Profile.pdf			
Google Scholar ID	https://scholar.google.com/citations?user=IJSXKikAAAAJ&hl=en			
Research Gate ID	https://www.researchgate.net/profile/Meghna-Sharma-5			
ORCID ID	https://orcid.org/0000-0001-7446-4287			
Scopus ID	57221868768			
Researcher ID				
Vidwan ID	https://vidwan.inflibnet.ac.in/profile/416562			
Educational Qualifications				
Degree	Institution			Year
Ph.D. Mathematics	Department of Mathematics, University of Delhi			2026
M.Sc. Mathematics	Indian Institute of Technology Roorkee			2017

B.Sc. (Hons.) Mathematics	Miranda House, University of Delhi	2015			
Permanent/ Temporary/ Contractual/ Adhoc Teaching Experience					
Designation	Institution	Duration	From	To	Nature
Assistant Professor	Ram Lal Anand College, University of Delhi	---	31/07/2023	Till Date	Permanent
Industry Experience (If any)					
Designation	Company	Duration	From	To	
Research Experience					
Designation	Institution		From	To	
Administrative Assignments					
Member, NIRF Perception Committee, 2024-25, 2025-26 Member, NAAC Committee, Parameter 6, 2024-25, 2025-26 Convenor, INFINITY: The Mathematical Society, 2024-25 Co-Convenor, Equal Opportunity Cell, 2025-26 Member, SC/ST/OBC/EWS/PwD Admission Cell, 2025-26, 2024-25 Member, Anti-Ragging cum Discipline Committee, 2025-26, 2024-25 Member, Students' Union Advisory Committee, 2025-26, 2024-25, 2023-24 Member, Art & Culture Committee, 2024-25 Member, Sangoshthi Committee, 2023-24					
Areas of Interest / Specialisation					
Complex Function Theory Geometric Function Theory Differential Subordination Special Functions					

Subjects Taught
Partial Differential Equations Complex Analysis Mathematical Modelling with Excel Essentials of Python Linear Programming Research Methodology Vedic Mathematics
Research Guidance (if any)
Supervising Dissertation in IVth year under UGCF-NEP, 2025-26, Mr. Pankaj Yadav
Research Projects (Major Grants/Research Collaboration)
Publications
1. Meghna Sharma, Sushil Kumar and Naveen Kumar Jain, Differential subordination implications for certain Carathéodory functions, <i>Studia Universitatis Babeş-Bolyai Mathematica</i> 68 (2023), no. 4, 775–787; MR4680073. (Scopus, ESCI, IF: 0.40, MCQ: 0.14) 2. Meghna Sharma, Sushil Kumar and Naveen Kumar Jain, Differential subordinations for functions with positive real part using admissibility conditions, <i>Asian-European Journal of Mathematics</i> 15 (2022), no. 4, Paper No. 2250066, 22 pp.; MR4412430. (Scopus, ESCI, IF: 0.5, MCQ: 0.14) 3. Meghna Sharma, Naveen Kumar Jain and Sushil Kumar, Starlikeness of analytic functions using special functions and subordination, <i>Boletín de la Sociedad Matemática Mexicana</i> (3) 30 (2024), no. 2, Paper No. 55, 19 pp.; MR4751712. (Scopus, ESCI, IF: 0.9, MCQ: 0.34) 4. Meghna Sharma, Naveen Kumar Jain, and Sushil Kumar, Growth, distortion and radius estimates of Quotient functions, <i>Honam Mathematical Journal</i> 47.4 (2025): 453-470. (ESCI) 5. Meghna Sharma, Naveen Kumar Jain, and Sushil Kumar, Monotonicity, starlikeness and subordination related results for some special functions, <i>Iranian Journal of Science</i> (2025): 1-10. (Scopus, SCIE, IF: 1.4, MCQ: 0.16)

Patents
Chapters in books and e-chapters (Published)
Conference Organisation/ Presentations
Events Organized: • Organized an International Conference on “Recent Trends in Mathematical Sciences and Applications” at the Department of Mathematics, as Co-convenor on 23/02/2026. • Organized a Seminar on “A basic result in Metric Space and its Applications” at Department of Mathematics, Ram Lal Anand College by Dr. Izhar Uddin, Assistant Professor at Department of Mathematics, Jamia Millia Islamia University on 21/10/2024 as Convenor of Infinity, The Mathematics Society of Ram Lal Anand College. • Organized an Alumni Talk on “A Dynamic Career in Game Design” at Department of Mathematics, Ram Lal Anand College by Mr. Vasudev Kapparwal, Game Mathematician at Pragmatic Play on 18/10/2024 as Convenor of Infinity, The Mathematics Society of Ram Lal Anand College. • Organized a Seminar on “The Intelligence Equation: Solving Everyday’s Challenges with AI” at Department of Mathematics, Ram Lal Anand College by Dr. Rajan Gupta, Director of Data Science and AI/ML, Deutsche Telekom Digital Labs on 03/09/2024 as Convenor of Infinity, The Mathematics Society of Ram Lal Anand College. Invited Talks, Resource person, invited Chairperson, Conference Paper presentations (Oral): Presentations: International • Presented a paper entitled “On Growth, Distortion, and Radius Problems for Quotient Functions with Fixed Second Coefficients” at International Conference on Nonlinear Analysis and Computational Techniques 2025, VIT Bhopal University, August 07-08, 2025.

- Presented a paper entitled “Higher Order Differential Subordination for the functions with Positive Real part using Admissibility Technique” at VI International Conference of Mathematics and Computer Science, “CONGRESSIO-MATHEMATICA”, University of Warmia and Mazury in Olsztyn, Poland, Nov. 21-22, 28-29, 2020.

Presentations: National

- Presented a paper entitled “Radius estimates for certain classes of quotient functions with fixed second coefficient” at the 69th Annual conference on “Recent Advances in Mathematics and Applications” at the Department of Mathematics and Astronomy, University of Lucknow, Lucknow, India, Sep. 24-25, 2022.

Awards and Distinctions

- Senior Research Fellowship by CSIR.
- Junior Research Fellowship by CSIR.
- CSSS Scholarship.

Association With Professional Bodies

- Lifetime membership of Bharat Ganita Parisad.

Other Activities

Participations:

- Participated in One Week Faculty Development Programme on “Vedic Sciences-Interdisciplinary Insights and Contemporary Relevance” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), organized by MMTTC: Hansraj College, University of Delhi in collaboration with Inter University Accelerator Center-Delhi & IIT University Accelerator Center for Yogic Sciences, Bengaluru from July 07-12, 2025.

- Participated in Online Short-Term Programme on "Significance of Vedic Gyan Parampara in Modern Era" under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), organized by MMTTC: Ramanujan College, University of Delhi in collaboration with Department of Mathematics, Aryabhata College, University of Delhi from 14 November, 2024 – 20 November, 2024.
- Participated in the NPTEL E-Awareness Workshop on June 12, 2024.
- Participated in One Week Faculty Development Programme on “Importance of Accreditation, OBE and NEP 2020 in Higher Education” organized by IQAC in collaboration with Department of Applied Sciences, Bharati Vidyapeeth College of Engineering, New Delhi from May 27, 2024 - May 31, 2024.
- Participated in Online two-week interdisciplinary Refresher Course in “Advanced Research Methodology” organized by TLC, Ramanujan College, University of Delhi from April 26, 2024 – May 09, 2024.
- Participated in NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC organized by CPDHE, University of Delhi from December 19, 2023 – December 29, 2023.
- Attended a 4-week Faculty Induction Program organized by TLC, Ramanujan College under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and teaching (PMMMNMSTT), MOE, Govt. of India from August 21, 2023 – September 19, 2023.

Signature of Faculty Member