




Faculty Profile: Ms. Meghna Sharma
Department of Mathematics
Ram Lal Anand College, University of Delhi



Title	Ms.	First Name	Meghna	Last Name	Sharma	Photograph
Designation	Assistant Professor					
Address	Department of Mathematics, Ram Lal Anand College, 5, Benito Juarez Road, New Delhi-110021, India					
Phone Office						
Mobile						
Email	meghna.maths@rla.du.ac.in , meghnsharma203@gmail.com					
Institutional Web page	https://rlacollege.edu.in/Departments_Mathematics.php					
Google Scholar	https://scholar.google.com/citations?user=IJSXKikAAAAJ&hl=en					
Research Gate	https://www.researchgate.net/profile/Meghna-Sharma-5					
ORCID ID	https://orcid.org/0000-0001-7446-4287					
Scopus ID						
Researcher ID						
Vidwan ID	416562					
Educational Qualifications						
Degree	Institution				Year	
Ph.D. Mathematics	Department of Mathematics, University of Delhi				Pursuing	
M.Sc. Mathematics	Indian Institute of Technology Roorkee				2017	
B.Sc. Mathematics (Hons.)	Miranda House, University of Delhi				2015	

Career Profile
<ul style="list-style-type: none"> • Assistant Professor, Ram Lal Anand College, University of Delhi (2023-present). • Tutorials for Advanced Complex Analysis, M.Sc. Mathematics, University of Delhi (Sep 2021-Dec 2021). • Tutorials for Complex Analysis, M.Sc. Mathematics, University of Delhi (Jan 2021-May 2021).
Administrative Assignments
<ul style="list-style-type: none"> • Society Convenor, Infinity, Mathematics Society (2024-25) • Member, NAAC-Steering Team (2024-25) • Member, Students' Union Advisory Committee (2024-25) • Member, Anti-Ragging cum Discipline Committee (2024-25) • Member, Art & Culture Committee (2024-25) • Member, Admission Cell (2024-25) • Member, Students' Union Advisory Committee (2023-24) • Member, Sangoshthi Committee (2023-24)
Areas of Interest / Specialization
<ul style="list-style-type: none"> • Complex Function Theory • Geometric Function Theory • Differential Subordination • Special Functions
Subjects Taught
<ul style="list-style-type: none"> • Partial Differential Equations • Complex Analysis • Mathematical Modelling with Excel • Essentials of Python • Linear Programming • Research Methodology
Research Guidance
NA
Publications Profile
<p>Patents: NA</p> <p>Papers:</p> <ul style="list-style-type: none"> • Sharma, Meghna; Naveen Kumar Jain, and Sushil Kumar. "Starlikeness of analytic functions using special functions and subordination." <i>Boletín de la Sociedad Matemática Mexicana</i> 30.2 (2024): 55.

- **Sharma, Meghna;** Kumar, Sushil; Jain, Naveen Kumar. Differential subordinations for functions with positive real part using admissibility conditions. Asian-Eur. J. Math. 15 (2022), no. 4, Paper No. 2250066, 22 pp.
- **Sharma, Meghna;** Kumar, Sushil; Jain, Naveen Kumar. “Differential Subordination implications for Certain Caratheodory Functions”. Stud. Univ. Babeş-Bolyai Math. 68(2023), No. 4, 775–787.

Chapters in books and e-chapters (Published)

NA

Conference Organization/ Presentations

Events Organized:

- 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 Society-in-charge 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 Society-in-charge 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 Society-in-charge 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 “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.

Research Projects (Major Grants/Research Collaboration)
NA
Awards and Distinctions
<ul style="list-style-type: none"> • Senior Research Fellowship by CSIR. • Junior Research Fellowship by CSIR. • CSSS Scholarship.
Association With Professional Bodies
<ul style="list-style-type: none"> • Lifetime membership of Bharat Ganita Parisad.
Other Activities
<p>Participations:</p> <ul style="list-style-type: none"> • 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, 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 (PMMMNTT), MOE, Govt. of India from August 21, 2023 – September 19, 2023.

