




Faculty Details Proforma For College Web-site



Title	Dr.	First Name	Jyoti	Last Name	Sharma	
Designation	Assistant Professor					
Address	Department of Mathematics, Daulat Ram College, University of Delhi, Delhi, India					
Phone No. Office						
Residence						
Mobile No.						
Email - ID	jyotisharma1@dr.du.ac.in					
Web Page	Research Gate: https://www.researchgate.net/profile/Jyoti-Sharma-184					
Educational Qualifications						
Degree	Institution				Year	
B.Sc.	University of Delhi				2013	
M.Sc.	University of Delhi				2015	
PhD	University of Delhi				2019	
Career Profile						
<ul style="list-style-type: none">Assistant Professor (Permanent), Daulat Ram College, University of Delhi since Oct 14, 2022.Assistant Professor (Ad Hoc), Daulat Ram College, University of Delhi from August 20, 2018-Oct 13, 2022.						
Administrative Assignments						
<ol style="list-style-type: none">Worked as a member of Placement Cell in 2018-2019, 2019-2020.Worked as Team Manager for various events held by the sports board during 2018-2019.Served as Sports board Member during the session 2019-2020, 2020-2021.Worked in B.A. Program Admission Committee during 2019-2020.Worked in Prize Committee during the year 2019-2020, 2020-2021, 2023-24.Served as Lab Incharge of Mathematics Department Lab from 2021-2023.Worked in the Skill Development Committee during session 2022-2023.Worked in the Women Development Cell during session 2022-2023.Worked as cluster SEC Coordinator during session 2022-2023, 2023-24.Worked as Timetable co-convenor during the session 2023-24.Worked as Timetable Convenor, TPC member and Students Advisory Board (SAB) member during the session 2024-25.						
Areas of Interest / Specialization						
Analysis, Linear Algebra, Algebra						

Subjects Taught
Differential Equations, Algebra, Linear Algebra, Calculus, Multivariate Calculus, Riemann Integration and series of functions, Metric Space, Complex Analysis, Analysis, Statistics with R, Vedic maths I. Network Flows
Research Guidance
NA
Publications Profile
<ul style="list-style-type: none"> • Ajay Kumar and Jyoti Sharma, Uncertainty principles on nilpotent Lie groups. Khayyam J. Math. 8 (2022), no. 2, 143-162. • Shivam Kumar Singh and Jyoti Sharma Generalized slant Toeplitz operators on the derivative Hardy space $S^2(D)$. Ann. Funct. Anal. 13 (2022), no. 2, 18 pp. • Jyoti Sharma and Ajay Kumar Continuous abstract wavelet transform on homogeneous spaces. Georgian Math. J. 28 (2021), no. 5, 805-818. • Jyoti Sharma and Shivam Kumar Singh Clifford valued shearlet transform. Adv. Appl. Clifford Algebr. 30 (2020), no. 3, 16 pp • Ashish Bansa; Ajay Kumar and Jyoti Sharma Hardy's theorem for Gabor transform. J. Aust. Math. Soc. 106 (2019), no. 2, 143-159 • Jyoti Sharma and Ajay Kumar Qualitative uncertainty principle for the Gabor transform on certain locally compact groups. Adv. Pure Appl. Math. 9 (2018), no. 3, 205-220.

Conference Organization / Presentation
<ul style="list-style-type: none"> • Attended Research scholar Seminar & Annual Conference of Mathematical Sciences and presented a research paper entitled "Qualitative uncertainty principles on locally compact groups" during May 01-02, 2017 at Department of Mathematics, Mata Sundri College, Delhi, India. • Attended "Conference on Advances in Applied Mathematics and Statistics" and presented a research paper entitled "Qualitative uncertainty principles on certain locally compact groups" during September 07-08, 2017 at Department of Mathematics, Mata Sundri College, Delhi, India.

Research Projects (Major Grants/Research Collaboration)
None
Awards and Distinctions
Qualified NET-JRF exam in Dec 2014.
Association with Professional Bodies
Other Activities
Evaluator, Vidyarthi Vigyan Manthan and Daulat Ram College (08.01.23).

