




University of Delhi

Faculty Detail Performa (2017-23)



Name of Faculty

Name	Dr. Jyoti Sharma	
Designation	Assistant Professor	
Email	jsharma3698@ gmail.com jyotisharma1@dr.du.ac.in	

Educational Qualification:

Degree	Institution	Year
B.Sc.(H) Mathematics	S. P. M. College, University of Delhi	2013
M.Sc. Mathematics	Hansraj College, University of Delhi	2015
Ph.D.	University of Delhi	2019

Full time Teaching Experience:

s.no	Designation	Institution	Time Period	Nature of Appointment
1	Assistant Professor	Daulat Ram College	20/08/2018-13/10/2022	Ad-hoc
2	Assistant Professor	Daulat Ram College	14/10/2022 to till date	Permanent

Administrative Assignment:

1. Worked as a member of Placement Cell in 2018-2019, 2019-2020.
2. Worked as Team Manager for various events held by the sports board during 2018-2019.
3. Served as Sports board Member during the session 2019-2020, 2020-2021.
4. Worked in B.A. Program Admission Committee during 2019-2020.
5. Worked in Prize Committee during the year 2019-2020, 2020-2021.

6. Served as Lab Incharge of Mathematics Department Lab from 2021-2023.
7. Worked in the Skill Development Committee during session 2022-2023.
8. Worked in the Women Development Cell during session 2022-2023.
9. Worked as cluster SEC Coordinator during session 2022-2023.

Areas of Interest in Teaching:

Analysis, Linear Algebra, Algebra

Subjects Taught:

S.No	Course	Subject Taught	Semester	Year
1	B.Sc.(H)Mathematics	Differential Equations	II	2018-19, 2019-20 2020-21
2	B.Sc.(H)Mathematics	Algebra	I	2018-19, 2019-20
3	B.Sc.(H)Mathematics	Discrete Mathematics	V	2018-19
4.	Generic Elective 2	Linear Algebra	II	2018-20, 2019-20
5.	Generic Elective 1	Calculus	I	2019-20 2020-21 2021-22
6	B.A.(P)	Differential Equations	V VI	2018-19 2020-21 2021-22 2022-23
7.	B.Sc.(H)Mathematics	Multivariate Calculus	III	2020-21 2021-22 2022-23
8.	B.Sc.(H)Mathematics	Riemann Integration and series of functions	IV	2020-21 2021-22
9.	B.Sc.(H)Mathematics	Metric Space	V	2022-23
10	B.Sc.(H)Mathematics	Complex Analysis	VI	2022-23
11	Generic Elective 4	Analysis	IV	2022-23

Research Publication:

International:

S.No	Citation	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1.	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.	2018	-----	Yes	Yes	1869-6090
2.	Ashish Bansa; Ajay Kumar and Jyoti Sharma Hardy's theorem for Gabor transform. J. Aust. Math. Soc. 106 (2019), no. 2, 143-159.	2019	0.742	Yes	Yes	1446-8107
3.	Jyoti Sharma and Shivam Kumar Singh Clifford valued shearlet transform. Adv. Appl. Clifford Algebr. 30 (2020), no. 3, 16 pp.	2020	1.072	Yes	yes	1661-4909
4.	Jyoti Sharma and Ajay Kumar Continuous abstract wavelet transform on homogeneous spaces. Georgian Math. J. 28 (2021), no. 5, 805-818.	2021	0.532	Yes	Yes	1572-9176
5.	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.	2022	0.885	yes	yes	2008-8752
6	Ajay Kumar and Jyoti Sharma, Uncertainty principles on nilpotent Lie groups. Khayyam J. Math. 8 (2022),no. 2, 143-162.	2022		Yes	Yes	2423-4788

Conference Attended and Paper presentation:

S.No.	Type of Event	Name of Event	Venue of conference	Date of conference	Attended	paper presented	No of papers presented
1.	National	Research scholar Seminar & Annual Conference of Mathematical Sciences	Department of Mathematics University of Delhi	01-02 May 2017	yes	yes	1
2.	National	Conference on Advances in Applied Mathematics and Statistics	Mata Sundri College	7-8th September 2017	yes	yes	1
3	Workshop	Topology of Manifolds and Group actions	Department of Mathematics University of Delhi	November 09-22, 2017	Yes	No	No
4	Conference	International Conference on Topology and Geometry	Department of Mathematics University of Delhi	November 23-24, 2017	yes	No	No
5	Workshop	International workshop on Recent Advances in Operator Semigroups	Department of Mathematics University of Delhi	December 18-21, 2017	Yes	No	No
6	Training Course	Introduction to Matlab	Delhi University Computer Center	23 April 2018-27 April 2018	yes	No	No
7.	Workshop	Modern aspects of Function Theory, Operator Theory & Operator Algebras	Indian Statistical Institute, Bangalore	March 05-10, 2018	Yes	No	No
8..	Conference	International Meet on Analysis	Department of Mathematics University of Delhi	November 24, 2018	yes	No	No

9.	Seminar	National Research Scholars' Seminar	Department of Mathematics University of Delhi	December 29, 2018	Yes	No	No
10.	Workshop	Research based Pedagogical Tools Workshop for Science Teachers	Daulat Ram College	March 25-27, 2019.	Yes	No	No
11.	Conference	Conference on "Algebra, Analysis and Applications"	Ambedkar University	May 10, 2019	Yes	No	No
12.	Webinar	Constructive Living and Education in the times of Corona Crisis	Online by IQAC shivaji College	13th May 2020	Yes	No	No
13.	Webinar	Art and Science of Mentoring	Online by Physics Department, Daulat Ram College	June 1, 2020	Yes	No	No
14.	Webinar	Covid-19: The Everyday Life of Migrant Workers	Online by S. M. D. College, Punpun	June 08, 2020	Yes	No	NO
12.	Certificate Course	Introduction to Computer Algebra System : Maxima(An Open Source Software)	Zoom Organised by IQAC, Hansraj College	June 27,2020- July 18,2020	Yes	No	No
13.	E-FDP	Empowering Teaching Learning Process using Google Classroom & Other ICT Tools: A Comprehensive Practical Approach	Online by Department of Commerce, Daulat Ram College	21-23 July, 2020	Yes	No	No
14.	Webinar	The Fundamental Theorem of Strategic Voting	Online by SPM College	October 10, 2020	Yes	No	NO

15	Webinar	Decoding NEP: Redefining Goals and Pedagogies of Today's Education for the World of Tomorrow	Online by Department of Mathematics , Daulat Ram College	August 24, 2021.	Yes	No	No
16.	Workshop	Workshop on Assessment	Online Mathematics Training and Talent Search Trust	17 January 2022-18 January 2022	Yes	No	No

Resource Person (Conference/seminar/ workshop/training programme/ educational trips):

S.No	Type of Event	Name of Event	Venue	Date of Event	State your role: Convener/ Member organizing committee/ Speaker/ Coordinator	Duration of Activity	No of participant in the programme
1.	Workshop	Inspire Science Camp	Daulat Ram College	December 17-21, 2018	Speaker & Member of organizing Committee	5 days	100 approx.
2.	Workshop	"Non-Teaching Staff Workshop	Daulat Ram College	7-12 July, 2019	Speaker	6 days	
3.	National Webinar	Technology-enabled Higher Education in India: Opportunities and Challenges"	Google Meet	June 19, 2020	Member Organizing Committee	2 hours	
4.	E-SDP	ESDP- Enhancing Learning through ICT Tools	Google Meet	17th-19th August 2020	Speaker	3 days	
5.	E-SDP	E-SDP for Supernumerary Students	Google Meet	6th &9th January 2021	Speaker	2 days	

6.	E-SDP	ESDP- Enhancing Learning through ICT Tools	Google Meet	24-25 November 2021	Resource Person	2 days	
7	Webinar	Beauty of Mathematics	Zoom	21ST October 2021	Convenor	2hrs	120
8.	Workshop	Workshop on Vedic Mathematics	Google Meet	17th -20th December 2021	Co-Convenor and Resource Person	3 days	26
9.	E-SDP	E-SDP on R-Software	Google Meet	21-28 December 2021 .	Co-Coordinator and Resource Person	6 days	26
10	ESDP	ICT Tools	Google Meet	26-27th November 2022	Co- Coordinate	2 days	56