




University of Delhi

Faculty Detail Performa 2017-23



Name of Faculty

Name	Dr. Shelly Verma	
Designation	Assistant Professor	
Department	Mathematics	
Email	shellyverma@dr.du.ac.in	

Educational Qualification

Degree	Institution	Year
B.A(H) Mathematics	University of Delhi	2008
M.A (Mathematics)	University of Delhi	2010
M.Phil. (Mathematics)	University of Delhi	2014
Ph.D. (Mathematics)	University of Delhi	2018

Full Time Research Experience

Designation	Institute	Time period	Nature of Appointment

Full time Teaching Experience

s.no	Designation	Institution	Time Period	Nature of Appointment
1.	AssistantProfessor	Maitreyi College, University of Delhi	20-07-2017 to 13-10-2022	Adhoc
2.	AssistantProfessor	Daulat Ram College, University of Delhi	14-10-2022 to todate	Permanent

Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience

Areas of Interest:

Analysis, Linear Algebra

Subjects Taught:

S.No.	Course	Subject Taught	Semester	Year
1)	B.Sc. (H) Mathematics	Latex and HTML	Sem IV	2017
2)	B.Sc. (Physical Sciences)	Calculus and geometry	Sem I	2017
3)	B.A. (P)	Analytic Geometry and Applied Algebra	Sem III	2017 to 2022
4)	B.Sc. (H) Mathematics	Algebra	sem I	2018
5)	B.Sc. (H) Mathematics	Probability and statistics	Sem VI	2019
6)	B.A. (P)	Analysis	Sem IV	2019
7)	B.Sc. (H) Mathematics	Ring theory and linear algebra II	Sem VI	2020
8)	B.Sc. (H) Mathematics	Computer Algebra System and Related Softwares	Sem IV	2020
9)	B.Sc. (Physical Sciences)	Computer Algebra System	Sem IV	2020
10)	G.E.	Numerical Methods	Sem IV	2020
11)	B.Sc. (H) Mathematics	Calculus	Sem I	2021
12)	B.Sc. (Physical Sciences)	Mathematical Typesetting system: Latex	Sem VI	2021
13)	B.Sc. (Physical Sciences)	Numerical Methods	Sem VI	2022
14)	B.Sc.(H) Mathematics	Numerical Methods	Sem V	2022

15)	B.Sc.(H) Mathematics	Elementary Real Analysis	Sem I	2022
16)	B.Sc.(H) Mathematics	Ring Theory and Linear Algebra II	Sem VI	2023
17)	B.Sc.(H) Mathematics	Calculus	Sem II	2023

Research Guidance:

Name of student	Gender	Degree for which guidance given	Date of Registration	Supervisor/ Cosupervisor	University	Title of Thesis	Date of submission of thesis	Date of Award of Degree

Research Projects ongoing 2017-23

S.No	Name of Research Project	Funding Agency	National/International	Duration	Amount Sanctioned	Amount Received

Research projects Completed 2017-23

S.No	Name of Research Project	Funding Agency	National/International	Duration	Amount Sanctioned	Amount Received

Publications:

Books

S.No	Details	Publisher	Date of publishing	Authored/Edited	ISBN No

Book Chapters/Articles

S.No	Details	Date of publishing	Authored/Edited	ISBN No

E- Modules

S.No	Details	Publisher details	Date of publishing	Authored/Edited	Link

Research Publications:

International and National

S.No	Details with ISSN	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	Affiliating University/college mentioned on the paper	Citation	Index
1	V. Ravichandran and Shelly Verma, Generalized Zalcman conjecture for some classes of analytic functions, Journal of Mathematical Analysis and Applications, Volume 450 (2017), no. 1, 592-605. https://doi.org/10.1016/j.jmaa.2017.01.053 ISSN:0022-247X	1 June 2017	1.417	Yes	Yes	University of Delhi	24	
2	V. Ravichandran and Shelly Verma, Estimates for coefficients of Certain analytic functions, Filomat 31 (11) (2017), 3539-3552. https://doi.org/10.2298/FIL1711	2017	0.988	Yes	Yes	University of Delhi	5	

	539R ISSN:0354-5180(print version); ISSN:2406-0933(electronic version)							
3	Sushil Kumar, V. Ravichandran and Shelly Verma, Initial coefficients of starlike functions with real coefficients, Bulletin of the Iranian Mathematical Society 43 (6) (2017), 1837-1854. http://bims.iranjournals.ir/article_1068.html ISSN:1017-060X	Nov. 2017	0.32 1	Yes	Yes	University of Delhi	11	
4	Shelly Verma and V. Ravichandran, Radius problems for ratios of Janowski starlike functions with their derivatives, Bulletin of the Malaysian Mathematical Sciences Society, Volume 40 (2017), no. 2, 819– 840. https://doi.org/10.1007/s4040-016-0363-x ISSN: 0126-6705 (print version); ISSN:2180-4206 (electronic version)	2017	1.19 3	Yes	Yes	University of Delhi	6	
5	V. Ravichandran and Shelly Verma, Bound for the fifth coefficient of certain starlike functions, Comptes Rendus Mathematique, Volume 353 (2015) no. 6, 505–510. https://doi.org/10.1016/j.crma.2015.03.003 ISSN: 1631-073X	2015	0.76	Yes	Yes	University of Delhi	101	

Conference Proceedings publication

S.no	Details	Date of Publishing	Name of conference	Venue of conference	ISBN No

Conference Attended and Paper presentation

S.No	Type of Event,	Name of Event	Venue of conference	Date of conference(Start date – EndDate)	Attended	paper presented	No of papers presented
1)	Workshop	Calculus: The Geometrical Way	Miranda House, University of Delhi	September 19-20, 2019	Yes	No	
2)	Conference	National Conference on Advances in Mathematical Analysis and Its Applications	P.G.D.A.V. College, University of Delhi	November 8-10, 2019	Yes	Yes	01
3)	Online lecture series	Conceptual Introduction to Differential Calculus	Miranda House, University of Delhi	September 18, 2020 to October 1, 2020	Yes	No	
4)	Webinar	Exploring Future Applications of Mathematics through optimization	Maitreyi College, University of Delhi	4 July 2021	Yes	No	
5)	Webinar	Non - uniqueness of Fixed Points, Its Geometry and Applications	Maitreyi College, University of Delhi	16 July 2021	Yes	No	
6)	Webinar	Use of Modern Optimization Techniques to Solve Real-Life Problems	Maitreyi College, University of Delhi	2 August 2021	Yes	No	

7)	Training programme	Faculty Induction programme	Ramanujan College, University of Delhi	20 February to 21 March 2023	Yes		
8)	Refresher Course	Managing Online classes and Co-creating MOOCS 25.0	Ramanujan College	07-21 April 2023	Yes		

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)	Certificate Course	Student Development Programme on Productivity Software and Mathematical Tools	Maitreyi College	14 - 24 June 2021	Speaker	11 days	120 approx.
2)	Skill Development Programme	Enhancing learning through ICT Tools	Daulat Ram College	26-27 Nov 2022	Speaker	2 days	55 approx.

Awards Won 2017-21

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award	Type of Honor received

Extension Activity (Community related program) 2017-21

S.No	Type of Activity	Centre and Venue	Title of Event	Role in the event	Date/period of Event	No of members of the community/students /Faculty benefitted

Membership of Professional Bodies:



Signature of the Candidate

	Type of Membership	Organisation	Year of Membership