



Maharaja Surajmal Institute

Affiliated to GGSIP University & NAAC 'A' grade accredited.
Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi
Recognised U/s 2(f) of UGC Act

Faculty Profile

1. **Name of Faculty:** Dr. Neha Goel
2. **Date of Joining:** 12/September/2024
3. **Present Position:** Assistant Professor
4. **Department:** BBA
5. **Email ID:** nehagoel@msijanakupuri.com
6. **Profile:**

Your profile (glorify your work)

Dr. Neha holds a **Ph.D. in Cryptography** from the **University of Delhi** and has previously served as a **Research Scholar at DRDO**, for five years contributing to advanced studies in public key cryptography. A **GATE-qualified** scholar with an **M.Sc. in Mathematics**, their academic interests include **Abstract Algebra, Linear Algebra, Number Theory, and Cryptography**. They are proficient in mathematical tools such as **SAGE, LaTeX** and **LyX** which they actively integrate into their research and academic work.
Their expertise strengthens both the research and teaching environment of the department.

7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	B.Sc	MBPG College	2007
2.	M.Sc.(Mathematics)	MMH College	2009
3	PhD.	University of Delhi	2018

8. Employment Record (Latest First)

S No.	From [Month & Year]	To [Month & Year]	Employer Name	Positions Held	No of Years
	09/2024	Till date	Maharaja Surajmal Institute	Assistant Prof.	8Months
	09/2023	05/24	Maharaja SURajmal Institute	Assistant Prof. (Contractual)	2 Semesters
	01/2023	04/23	NCWEB Department, University of Delhi	Guest Faculty	One Sem
	01/2021	04/2022	Department of Mathematics, University of Delhi	Guest Faculty	Three Semester
	08/2019	04/2020	Mata Sundri college for women, University of Delhi	Guest Faculty	Two Semester
	08/2017,06/2021 ,04/2023	11/2017, 08/2021,	GGSIP University	Guest Faculty	Three Semester

		06,2023			
	12/2011	12/2016	DRDO	Research Scholar	Five Years

9. Research Papers in National and International Journals

S No.	Title of Paper (Vol and Page No.)	Name of Journal	National/ International	SCI/ SSCI/ SCOPUS/ Care	SCIE/ ESCI/ UGC	Year of Publication	Impact Factor	No. of Citations
1.	Undeniable signature scheme over group ring, V. 27, 523-535.	Applicable Algebra in ENgineering Communication and Computing	International	SCIE		2016		
2	Zero Knowledge undeniable signature scheme over semigroup action problem	Italian journal of Pure and Applied Mathematics	International	SCOPUS		2017		
3.	Survey on SAP and its applications to cryptography	Journal of Mathematical Cryptology	International	SCOPUS		2020		
4.	Provably secure zero knowledge undeniable signature scheme over non-abelian	Sadhana	International	SCIE		2023		

10. Research Papers presented / Published as full paper in Conferences/ Seminars:

S No.	Title of Paper	Name of Conferences/ Seminars	National/ International	Name of Host Institution	Year
1	Digital signature scheme over non-abelian group	Sri Sai college of engineering and technology	National	Indian Society of Information Theory and Applications(ISITA)	2015
2	Computational hard problem in periodic monoids and its applications to cryptography	National conference on Algebra, Analysis, COding and Cryptography	National	University of Delhi	2016

11. Books and Journals Published/Edited:

S No.	Title of Book/Journal	Publisher	National/ International	Volume and Issue no. (in case of journal)	Year of Publication

12. Book Chapters in National and International Books

S No.	Title of Chapter (Page No.)	Name of Book	National/ International	Year of Publication

13. Patent / Copyright :

S No.	Title of Patent/Copyright	Applicants	Patent /copyright number and Year

14. Sponsored Project/Consultancy :

S No.	Title of Project/Consultancy	Applicants	Sanctioned Amount	Sponsoring Agency	Duration of the project specifying the date of sanctioning

15. Research Scholars (M.Tech/ M.Phil/Ph.D. Thesis Supervised) : None

S. No.	Full Name of the student	Title of Thesis	Name of the host University	Year of Awarded	Supervisor/ Co-supervisor

16. Membership of Professional Bodies : None

S No.	Name of the Professional Body	Member/Fellow (Membership No.)	Remarks
	<u>Cryptology research society of India</u>		

