



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. Nidhi Jolly
2. **Date of Joining:** 12th Sept, 2022
3. **Present Position:** Assistant Professor
4. **Department:** Computer Applications
5. **Email ID:** nidhijolly@msijanakpuri.com
6. **Profile:**

Your profile (glorify your work)

A diligent and meticulous person who is enthusiastic about research and teaching. I cleared the GATE exam after graduating from Delhi University with a B.Sc. and M.Sc. in mathematics. I was then awarded a JRF scholarship by the MHRD, which was then upgraded to an SRF while I was pursuing Ph.D. at Mnit, Jaipur. In addition to presenting several research articles at national and international conferences, I have written and published several journal articles and book chapters that are SCI, ESCI and SCOPUS indexed. My strong interest lies in research, and I relish collaborating with researchers to enhance my abilities and expand my knowledge.

7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	Doctor of Philosophy in Mathematics	MNIT, Jaipur	2016-2020
2.	GATE Fellowship	MHRD	2015
3.	Bachelors in Education	MDU, Rohtak	2014-2016
4.	Masters of Science in Mathematics	Delhi University	2010-2012
5.	Bachelors of Science (Hons.) in Mathematics	Delhi University	2008-2010

8. Employment Record (Latest First)

S No.	From [Month & Year]	To [Month & Year]	Employer Name	Positions Held	No of Years
1.	Sept, 2022	Till date	Maharaja Surajmal Institute, Janakpuri	Assistant Professor	1.7 years
2.	Dec, 2021	Sep, 2022	Delhi Technical Campus, Greater Noida	Assistant Professor	10 months
3.	Nov, 2020	June, 2021	G. B. Pant Institute of Technology, New Delhi	Guest Faculty	8 months

4.	Feb, 2019	Dec, 2019	MNIT, Jaipur	Guest Faculty	1.2 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.	On Unified Infinite Integrals Involving $\overline{H}$ -Function and S_V^U Polynomial	<i>Journal of Indian Acad. Math.</i>	National	UGC LIST		2017	-	-
2.	Study of Generalized Extended Mittag-Leffler Function and it's Properties	<i>South East Asian J. of Math & Math. Sci.</i>	International	UGC LIST, SCOPUS		2017	0.14	-
3.	A Solution of Fractional Differential Equation Involving Hilfer Derivative Operator	<i>Journal of Indian Acad. Math.</i>	Indian	UGC LIST		2017	-	-
4.	Fractional Differential Equation Associated with an Integral Operator with the $\overline{H}$ -Function in the kernel	<i>Glob. J. of Pure Appl. Math.</i>	International	SCOPUS		2017	0.34	2
5.	An Integral Operator Involving Generalized Extended Mittag-Leffler	<i>The Journal of Analysis</i>	International	ESCI, SCOPUS		2018	0.8	23

	Function and Associated Fractional Calculus						
6.	A New Integral Transform Associated with the λ -Extended Hurwitz Lerch Zeta Function	RACSAM	International	SCI	2018	2.16	16
7.	Turan-Type, Lazarevic and Wilker-Type Inequalities for the Generalized Wright Functions	Jour. of Adv. Research in Dynamical and Control Systems	International	SCOPUS	2019	0.27	-
8.	Certain Mathieu-Type Series Pertaining to Incomplete H-Functions	<i>Appl. Appl. Math.</i>	International	ESCI	2020	0.5	3
9.	Chebyshev Type Inequalities Involving the Fractional Integral Operator Containing Multi-Index Mittag Leffler Function in the Kernel	<i>Appl. Appl. Math.</i>	International	ESCI	2020	0.5	10
10.	Several Inequalities Involving the Generalized Multi-Index Mittag-Leffler	<i>Palestine Journal of Mathematics</i>	International	SCOPUS	2021	0.17	2

	functions						
11.	An Investigation of Composition Formulae for Fractional Integral Operators	<i>Palestine Journal of Mathematics</i>	International	SCOPUS	2021	0.17	2

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.	On Unified Infinite Integrals Involving $\overline{H}$ -Function and S_v^U Polynomial	<i>International Conference on Special Functions and its Applications</i>	International	Jamia Millia Islamia (New Delhi)	2016
2.	Study of Generalized Extended Mittag-Leffler Function and it's Properties	<i>International Conference On Mathematical Modelling and Computing</i>	International	JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE (Jaipur)	2018
3.	An Investigation of Composition Formulae for Fractional Integral Operators	<i>International Conference on Mathematical Modelling</i>	International	JECRC University, Jaipur	2018
4.	Certain Mathieu-Type Series Pertaining to Incomplete H-functions	<i>2nd International Conference on Mathematical Modelling</i>	International	JECRC University, Jaipur	2019

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
1.	Computable solution of Fractional Kinetic Equations Associated with Incomplete $\mathbb{N}$ -Functions and M-series	Special Functions in Fractional Calculus and Engineering, Taylor & Francis	International	2023

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) :

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 :

S No.	Name of the Professional Body	Member/Fellow (Membership No.)	Remarks
<u>1</u>	American Mathematical Society	Reviewer Number-155890	

2.	Society for Special Functions and their Applications	Membership Number-1409/2016	
----	--	-----------------------------	--