



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. Jyoti
2. **Date of Joining:** 2nd March, 2021
3. **Present Position:** Assistant Professor
4. **Department:** Department of Business Administration (E)
5. **Email ID:** jyoti@msijanakpuri.com
6. **Profile:**

Your profile (glorify your work)

I genuinely enjoy teaching, both for the joy of sharing mathematics with others, and for the opportunity to revisit old material and enhance my own understanding. I am confident in my ability to teach a variety of undergraduate courses, notably in areas of pure mathematics such as analysis, algebra, and operations research. I believe, I have been quite successful as a teacher, as evidenced by my positive student evaluations as well as many unsolicited compliments which I've received from students.

7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	B.Sc (H) Mathematics	DDU College, University of Delhi	2005
2.	M.Sc Mathematics	Ramjas College, University of Delhi	2007
3.	M.Phil Mathematics	Department of Mathematics, University of Delhi	2011
4.	Ph.D Mathematics	Department of Mathematics, University of Delhi	2019

8. Employment Record (Latest First)

S No.	From [Month & Year]	To [Month & Year]	Employer Name	Positions Held	No of Years
1.	Maharaja Surajmal Institute, 2 nd March, 2021	Till date	Dr. Jyoti	Assistant Professor	6 months
2.	Zakir Husain Delhi College, 28 October, 2019	1 st March, 2021	Dr. Jyoti	Assistant Professor	1 year, 4 months
3.	Galgotia University, 21 st August 2019	21 st October, 2019	Dr. Jyoti	Assistant Professor	2 months
4.	Ch. Brahm Prakash Eng.	31 st Dec, 2011	Dr. Jyoti	Assistant Professor(guest)	1 year

	College, 1 st Jan, 2011				
5.	Daulat Ram College, 1 st Jan, 2010	31 st Dec, 2010	Dr. Jyoti	Assistant Professor (guest)	1 year

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
1.	Optimality and duality for multi-objective semi-infinite variational problem using higher order B-type I functions	Journal of the Operations Research Society of China	International	Scopus		2019	.73
2.	Interval valued programming problem with infinite constraints	Journal of the Operations Research Society of China	International	Scopus		2018	.73
3.	Duality for non-differentiable multi-objective semi-infinite programming for higher order invex functions	International Journal of Mathematics in Operational Research,	International	Scopus (Elsevier)		2018	1.21
4.	Multi-objective semi-infinite variational problem and generalized invexity	Opsearch	National	Scopus		2017	1.60
5.	Characterization of generalized invexity in multi-objective fractional variational problem	Statistics, Optimization and Information Computing	International	Scopus (Elsevier)		2016	1.09

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.	Gender Inequality in Indian Scenario: Issues, Challenges and Initiatives	SUSTAINABLE DEVELOPMENT IN INTERNATIONAL HIGHER EDUCATION: STRATEGIES TO ACHIEVE GENDER EQUALITY AND EMPOWERMENT	International	Directorate of International Affairs (DIA), Internal Quality Assurance Cell (IQAC) Guru Gobind Singh Indraprastha	August 10-11, 2021

				University, New Delhi, India & Internal Complaints Committee (ICC) Jawaharlal Nehru University, New Delhi, India	
2.	Sufficiency and duality for a class of Interval-valued Programming Problem	Research Scholar Seminar and Annual Conference of the Society of Mathematical Sciences	National	Department of Mathematics, University of Delhi	1-2 May, 2017
3.	Semi-infinite programming for a multi-objective variational problem using B-Type functions	RAOTA	International	Department of Mathematics, University of Delhi	30-31 January, 2016
4.	Class of alpha-G-Preinvex functions and Mathematical Programming	National Seminar on Optimization and its Applications	National	Laxmibai College, Department of Mathematics, University of Delhi	15-16 th January, 2015