




## Faculty Details proforma for Gargi College

Title	Mrs	First Name	MANPREET	Last Name	KAUR	
Designation		ASSISTANT PROFESSOR				
Address		WZ-154, PLOT NO.-378 CHAND NAGAR NEW DELHI-110018				
Phone No	Office	011-26494544				
Residence*						
Mobile*		9560026769				
Email		<a href="mailto:manpreet1511@rediffmail.com">manpreet1511@rediffmail.com</a> <a href="mailto:manpreet.kaur@gargi.du.ac.in">manpreet.kaur@gargi.du.ac.in</a>				
Web-Page						
Educational Qualifications						
Degree		Institution			Year	
B.Sc.(H) MATHEMATICS		S.G.T.B. Khalsa College, University of Delhi			2004	
M.Sc. (MATHEMATICS)		S.G.T.B. Khalsa College, University of Delhi			2006	
M.PHIL. (MATHEMATICS)		Alagappa University			2009	
NET		JOINT CSIR-UGC			Dec' 2009	
PhD Pursuing		Jaypee Institute of Information Technology, Noida				
Career Profile						
<p><b>TEACHING EXPERIENCE:</b></p> <ul style="list-style-type: none"> <li>• Working as Assistant Professor on Ad-hoc basis in Gargi College, University of Delhi from 5<sup>th</sup> Jan'15 to till date.</li> <li>• Worked as Assistant Professor on Ad-hoc basis in Shivaji College, University of Delhi from 21<sup>st</sup> July'14 to 19<sup>th</sup> Dec'14.</li> <li>• Worked as Assistant Professor on Ad-hoc basis in Lady Shri Ram College For Women, University of Delhi from 21<sup>st</sup> Mar'14 to 3<sup>rd</sup> May'14.</li> <li>• Worked as Assistant Professor on Ad-hoc basis in Shivaji College, University of Delhi from 24<sup>th</sup> Jul'13 to 20<sup>th</sup> Mar'14.</li> <li>• Worked as Assistant Professor on Ad-hoc basis in Sri Ram College of Commerce, University of Delhi from 31<sup>st</sup> Jan'13 to 22<sup>nd</sup> April'13.</li> </ul> <p>Also, worked as a Guest Lecturer at S.G.T.B. Khalsa College, University of Delhi from 31<sup>st</sup> Jan'13 to 30<sup>th</sup> April'13.</p> <ul style="list-style-type: none"> <li>• Worked as Assistant Professor on Ad-hoc basis in S.G.T.B. Khalsa College, University of Delhi from 3<sup>rd</sup> Aug'11 to 30<sup>th</sup> Jan'13.</li> </ul>						

- Worked as Assistant Professor on Ad-hoc basis in Jesus and Mary College, University of Delhi from 22<sup>nd</sup> Nov'10 to 07<sup>th</sup> June'11.
- Worked as Guest Lecturer at Atma Ram Sanatan Dharma College, University of Delhi from 20<sup>th</sup> Oct'10 to 27<sup>th</sup> May'11.
- Worked as a Lecturer at Trinity Institute of Professional Studies, Affiliated with GGSIP University from 1<sup>st</sup> Jan'09 to 25<sup>th</sup> July'10.
- Aug'06 - Nov'08 - Worked as a Lecturer at Radiant Academy from 1<sup>st</sup> Aug'06 to 15<sup>th</sup> Nov'08.

#### Administrative Assignments

- 1- Member OF Magazine COMMITTEE (2015-2022)
- 2- Member OF Placement Cell (2016-2022)
- 3- Member OF Zenith Association (2017-2022)
- 4-Member of NIRF (2021-Till date)
- 5-Member of Internal Assessment Committee (2022-Till Date)
- 6-Member of Mathema (2023-Till Date)

#### Areas of Interest / Specialization

Information Theory

#### Subjects Taught

Algebra, Calculus, Analysis, Partial Differential Equations, Linear Algebra, C++ For Mathematicians

#### Research Guidance

### Recent Publications

- Kaur, M., Srivastava, A. (2023), A note on negation of a probability distribution, *Soft Comput* 27, 667–676. DOI: 10.1007/s00500-022-07635-2. (Scopus, SCIE, Impact factor: 3.732)
- Manpreet Kaur & Amit Srivastava (2022), A new divergence measure for belief functions and its applications, *International Journal of General Systems*, DOI: 10.1080/03081079.2022.2151006. (Scopus, SCIE, Impact factor: 2.453)
- M. Kaur and A. Srivastava, "Negation of a Probability Distribution: A Short Comment," 2022 8th International Conference on Signal Processing and Communication (ICSC), Noida, India, 2022, IEEE, pp. 439-444, DOI: 10.1109/ICSC56524.2022.10009460.
- Kaur, M., Srivastava, A. Negation of a Probability Distribution: An Information Theoretic Analysis. *Communications in Statistics - Theory and Methods*; DOI: 10.1080/03610926.2023.2242986; (Scopus, SCIE, Impact Factor-0.8)

### Conference Organization/ Presentations

- Kaur, M., Srivastava, A. (2022). Negation of a Probability Distribution: A Short Comment, 2022, 8th International Conference on Signal Processing and Communication (ICSC), Noida, India, IEEE, 439-444, DOI: 10.1109/ICSC56524.2022.10009460. (ISSN: 2643-444X)
- New Dissimilarity Functions Between A Probability Distribution And Its Negation. International Conference on "Recent Advances in Computational Mathematics & Engineering" organized by the Department of ASH (Mathematics), B K Birla Institute of Engineering and Technology, Pilani.

### Awards and Distinctions

Secured Second position in M.Sc. (Previous) Mathematics in College.

### Other Activities