Title	Dr.	First Name	K. R.	Last Name	Meena	Photograph

Designation	**Assistant Professor**
Address	**Dr. K. R. Meena** **Department of Mathematics** **Acharya Narendra Dev College,** **Govindpuri kalka ji New Delhi-19,** **New Delhi, Delhi 110019.**
Phone No Office	
Residence	**Dr. K. R. Meena** **M-301 Ayush Enclave DDA LIG FLATS Molarband Sarita Vihar 110076.**
Mobile	**+91-9897727093**
Email/ Web-Page	**kmeena.iitr@gmail.com,** **https://sites.google.com/view/krmeena**

Educational Qualifications

Degree	Institution	Year
Ph.D.	Indian Institute of Technology Roorkee, Roorkee **Title of Thesis: Some Problems on Estimation After Selection**	**2018**
PG	Indian Institute of Technology Kharagpur, Kharagpur (Mathematics)	**2012**
UG	University of Rajasthan, Jaipur (Mathematics)	**2010**
Any Other	**CSIR-NET**	**2012**
	GATE-2012	**2012**

Career Profile

July 27, 2018 to till date - Assistant Professor, Department of Mathematics, Acharya Narendra Dev College (University of Delhi).

Administrative Assignments

- Working as a Member in **Proctorial Committee** at Acharya Narendra Dev College, University of Delhi, 27 July 2018 to till date.
- Working as a Member in **I.T. Committee** at Acharya Narendra Dev College, University of Delhi, 27 July 2018 to till date.
- Working as a Member in **NIRF Committee** at Acharya Narendra Dev College, University of Delhi, 26 November 2019 to till date.
- Worked as **Sports Secretary**, Department of Mathematics, IIT- Roorkee, Session 2015-16.

Areas of Interest / Specialization

Research area and current interest:
- Statistical Decision Theory
- Statistical Inference
- Mathematical Statistics and Stochastic Processes
- Bayesian estimation

Subjects Taught

PG and UG:
   ➤ Calculus
   ➤ Differential Equations
   ➤ Calculus and Geometry
   ➤ Numerical Methods
   ➤ Lab: Mathematica, Matlab, LaTex and R
   ➤ Probability and Statistics, M.Tech
   ➤ Numerical Analysis and Probability and Statistics

Research Guidance

Publications Profile

- **K. R. Meena**, Aditi Kar Gangopadhyay, Satrajit Mandal, **"Estimation of the Mean of the Selected Population"**, World Academy of Science, Engineering, and Technology, International Journal of Mathematical, Computational, Physical, Electrical and Computer Engineering, Vol: 8(12), 1480-1485(2014).

- **K. R. Meena**, Aditi Kar Gangopadhyay, **"Estimating Volatility of the Selected Security"**, American Journal of Mathematical and Management Sciences, Vol: 36(3), 177-187 (2017).

- **K. R. Meena,** Mohd. Arshad and Aditi Kar Gangopadhyay, **"Estimating the Parameter of Selected Uniform Population under the Squared log error Loss Function",** Communications in Statistics- Theory and Methods, Vol:47(7), 1679-1692(2018).

- Mohd. Arshad, Omer Abdalghani and **K. R. Meena** **"Estimation after selection from bivariate normal population using LINEX loss function"**,1-22, arXiv:1911.05422(2019).

- Sada Nand Prasad, **K. R. Meena** and Abdullah A. Ansari, **"Complexity Dynamics of Gumowski-Mira Map"**, Applications and Applied Mathematics: An International Journal (AAM), Vol:15(1), 273-281(2020).

- **K. R. Meena**, Aditi Kar Gangopadhyay, **"Estimating the Parameter of Selected Uniform Population Under the Generalized Stein Loss Function",** Applications and Applied Mathematics: An International Journal (AAM), Vol:15 (2), 894-915(2020).

- Abdullah A. Ansari, **K. R. Meena**, Sada Nand Prasad, **"Perturbed six-body configuration with variable mass"**, Romanian Astronomical Journal, Vol: 30(2), 135-152 (2020).

- **K. R. Meena**, Aditi Kar Gangopadhyay and Omer Abdalghani, 2020, **"On estimating the scale parameter of the selected Pareto population under the Generalized Stein Loss Function"**, American Journal of Mathematical and Management Sciences, pp. 1-25, 2021.

- Abdullah A. Ansari, Mehtab Alam, **K. R. Meena**, Ashraf Ali, **"Properties of Motion of the Infinitesimal Variable Mass Body in the Well Known Circular Restricted Three-Body Problem with Newtonian and Yukawa Potential"**, Applied Mathematics & Information Sciences, Vol 15(2), 189-197, 2021

- Omer Abdalghani, Mohd. Arshad, **K. R. Meena** and A.K. Pathak, **"Adjusted bias and risk for estimating treatment effect after selection with an application in Idiopathic Osteoporosis"**, Book entitled "**Optimal decision making in operations research & statistics: methodologies and applications**", Vol 1, 369-376,2021 CRC Publishers, Taylors Francis.

- Abdullah A. Ansari and **K. R. Meena**, **"Generalized cr3b problem with heterogeneous primary and secondary as finite straight segment"**, submitted to Journal.

See more details: https://scholar.google.co.in/citations?user=VCiSsfQAAAAJ&hl=en

Conference/ Presentations/Workshops

- Worked as a **Convener in a Two-week national workshop (online) on** **"Tools & Techniques in Statistical Analysis"** under the aegis of DBT-STAR College Scheme organized by Acharya Narendra Dev College, University of Delhi, held from 06-19 April 2021.

- Participated in the webinar on **" An Introduction to Hydrodynamic Stability Analysis"** organized by Department of Mathematics, Rajasthan Technical University Kota, on September 06, 2020.

- Presented a paper entitled **"Estimation After Selection from Uniform Population under the Squared Log Error Loss Function with Unequal Sample Sizes"** in the VIII International Symposium on Statistics and Optimization in Conjunction with XXXVI- Annual Convention of Indian Society for Probability & Statistics (ISPS) organized by Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh, India, December 17-19, 2016.

- Presented a paper entitled **"Admissible and Minimax Estimation of the Scale Parameter of the Selected Pareto Population"** in the International Conference on Recent Trends in Operations Research and Statistics organized by Department of Mathematics, Indian Institute of Technology, Roorkee, India, December 28-30, 2017.

- Accepted a paper entitled **"Estimation of Scale Parameter of the Selected Uniform population under the Generalized Stein Loss Function with unequal sample sizes"** in the 40th Conference on Stochastic Processes and their Applications (SPA 2018) to be organized by **Chalmers University of Technology and University of Gothenburg**, Gothenburg, Sweden, June 11-15, 2018.

- Participated in International Conference on **"Recent Trends in Mathematics and Analysis"** held in IIT-Roorkee, Roorkee, 21-23 December, 2014.

- Presented a paper entitled **"Estimating the Parameter of Selected Uniform Population Under the Generalized Stein Loss Function"** in the Emerging Trends in Mathematical Sciences for Industry and Environment organized by Department of Mathematics, Shaheed Bhagat Singh College, University of Delhi, January 27-29, 2020.

- Attended a workshop on **"High-Performance Scientific Computing"** at Department of Mathematics IIT-Roorkee, Roorkee, 26-27 August, 2016.

- Attended a workshop on **"Optimization Techniques for Solving Industrial Problems"** at Department of Mathematics IIT-Roorkee, Roorkee, 15 October, 2016.

- Attended a workshop on Modeling, **"Optimization and Simulation of Stochastic Systems"** at Department of Mathematics IIT- Roorkee, Roorkee, 26 November, 2016.

- Participated in the Faculty Development Programme **"Teachers as Mentors"** at Acharya Narendra Dev College, University of Delhi, 25 October, 2018.

- Participated in National Workshop on **"Advanced Numerical Techniques and its Applications"** at Department of Mathematics, Graphic Era Hill University, Dehradun, Uttarakhand, May 06-11, 2019.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions
• Junior Research Fellowship (MHRD-JRF), July 2013- July 2015.
• Senior Research Fellowship (MHRD-SRF), July 2015 - October 2018.
Association With Professional Bodies
• Member of the Editorial **Board of Insight-Statistics**.
• Life time membership of **Bernoulli Society (BS)** Reg. No. 16155.
Other Activities

Orientation Programme/FDP/Refresher Course:

- Completed a 4-Week Induction/Orientation Programme for **"Faculty in Universities/Colleges /Institutes of Higher Education"** organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission On Teachers and Teaching from June 26-24 July, 2020.

- Completed a five-day Faculty Development Program on **"MATLAB for Engineering and Scientific Computations"** held from 22/02/2021 to 26/02/2021 at B K Birla Institute of Engineering & Technology, Pilani.

- Completed a **"Refresher Course in Mathematics"** organized by Department of Mathematics, Ramanujan College in collaboration with Teaching Learning Centre, Ramanujan College during 16-30 March 2021.

(Dr. K. R. Meena)
Signature of Faculty Member