




RAMANUJAN COLLEGE (UNIVERSITY OF DELHI)

Faculty Details



Title	Dr	First Name	Komal	Last Name		Photograph
Designation	Assistant Professor					
Address	Department of Statistics, Ramanujan College, University of Delhi.					
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	Residence					
	Mobile	9953485461				
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Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D	Department of Statistics, University of Delhi				2023	
M.Sc	Department of Statistics, University of Delhi				2018	
B.Sc	Gargi College, University of Delhi				2016	
Career Profile						
<ol style="list-style-type: none">1. Assistant Professor, Department of Statistics, Ramanujan College, New Delhi, University of Delhi (28 June 23- Present).2. Assistant Professor, Department of Statistics, P.G.D.A.V College, New Delhi, University of Delhi from 03 Dec 2020 to 28 June 23.						
Awards						
<ol style="list-style-type: none">1. NET (Mathematical Science)- 20172. NET-JRF (Mathematical Science)-20183. GATE-20194. SRF-2020						
Administrative Assignments						
<ol style="list-style-type: none">1. Teacher Coordinator, Departmental Society (Encephal) (2023-24).2. Member, Fashion Society (Panache), Ramanujan College (2023-24).3. Member, Dance Society (DNA), Ramanujan College (2023-24).4. Member, Time Table Committee, P.G.D.A.V College (2020-21).						

5. **Member of NAAC Committee, Criteria 5 and Criteria 7, P.G.D.A.V College (2021- 23).**
6. **Mentor (Jalsa), Cultural Society, P.G.D.A.V College (2022-23).**
7. **Member, Research Cell, Department of Statistics, DU (2019-20).**
8. **Member, Admission Committee, Department of Statistics, DU (2020-21).**

Areas of Interest / Specialization

1. **Reliability and Life Testing**
2. **Statistical Inference**
3. **Record Values**
4. **Bayesian Inference**

Subjects Taught

1. **Calculus**
2. **Operational Research**
3. **Statistical Techniques for Research Methods**
4. **Mathematical Analysis**
5. **Algebra**
6. **Bio-Statistics**
7. **Statistical Inference**
8. **Reliability and Life Testing**

Publications Profile (Books/Chapters/Research articles, etc.) (Last 10 publications)

1. **Ajit Chaturvedi, Himadri Ghosh, Komal(2020). Preliminary test estimators and confidence intervals for the reliability characteristics of Family of lifetime distribution. International Journal of Agricultural and Statistical Sciences.**
2. **Komal and Ashish Kumar Shukla(2021). Development of Preliminary Test Estimators and Confidence Interval for the Reliability Characteristics of Generalized Inverted Scale Family of Distribution based on Records. Journal of Statistics Applications & Probability.**
3. **Komal, Ashish Kumar Shukla and Anurag Sharma(2021). On Estimation of Parameters and Reliability Characteristics for the Topp-Leone Distribution using record value. Journal of Applied Probability and Statistics.**
4. **Chaturvedi A, Komal, Sharma A. Shrinkage Estimators of the Reliability Characteristics of Moore and Bilikam Family of Lifetime Distribution. International Journal of Agricultural and statistics, Vol. 16, Supp 1.**
5. **Chaturvedi A, Rathee K. Exact distributions of tests of outliers for Moore and Bilikam Family of distributions. Journal of Xidian University, 2020, 14[3]: 274-306 .**
6. **Komal and Shukla A.K. Contribution to Bayesian Estimation based on records value. International Journal of Statistics and Reliability Engineering, Vol.9(1), 2022.**
7. **A .Sharma and Komal. An analysis of the Survival of Gallbladder Patients in a Tertiary Cancer Centre in India using Accelerated Failure Time Models.International Journal of Statistics in Medical Research,Vol. 11, 2022.**
8. **A. Sharma and Komal. Survival Rate Estimation of Cervix Cancer Patients Using K-M and W-K-M. Biomedical and Pharmacology Journal, Vol. 15(4), 2022.**

Conference Organization/ Presentations

1. **27-30 December 2019:** Presented the paper entitled, “Exact distributions of tests of outliers for Moore and Bilikam Family of distributions” in IISA 2019, Bombay
2. **21-22 and 28-29 November 2020:** Presented the paper entitled, “ Development of Preliminary Test Estimators and Confidence Interval for the Reliability Characteristics of Generalized Inverted Scale Family of Distribution based on Records” in ICON-CRRAO-ST0SS 2020.
3. **23-27 November 2020:** Presented the paper entitled, “ Preliminary Test Estimators and Confidence Intervals for the Reliability Characteristics of a family of Lifetime Distributions” in 28th International Conference of Forum for Interdisciplinary Mathematics (FIM) - Synergies in Computational, Mathematical, Statistical and Physical Sciences (FIM 28: SCMSPS 2020)
4. **24-28 February 2021:** Presented the paper entitled, “On Estimation of Parameters and Reliability Characteristics for the Topp-Leone distribution using record value” in 23rd Annual Conference of SSCA on “Visionary Innovations in Statistical Theory and Applications (VISTA-2021)”

Other Activities

1. **Lifetime Member of the Society of Statistics, Computer and Application (SSCA).**

Workshop/ FDP

1. **29 August- 4 September 2022:** Completed Online One week Faculty Development Programme on "NEP-2020, New Trends in Higher Education", organized by TLC, Ramanujan College.
2. **21 August- 19 September 2023:** Completed Online Four Week Faculty Development Programme/ Orientation Programme, Organized By TLC, Ramanujan College.
3. **30 Nov 23- 14 Dec 23;** Completed online two week Refresher Course in Statistics; organized By TLC, Ramanujan College.
4. **22 December 23- 10 Jan 2024:** Completed Online 20 Day Refresher Course on “SHRIMAD BHAGVAD-GITA Prabodha Evam Prasamgikata”, Organized By TLC, Ramanujan College.