

Curriculum Vitae

Name: Rohan Dilip Koshti
Designation: Assistant Professor
Date of Birth: 05 May 1988



Contact Information:

Department of Statistics,
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Education Qualification:

- SET, University of Pune, Pune, 2011.
- M.Sc. (Statistics), Department of Statistics, University of Pune, Pune, 2010.
- B.Sc. (Statistics), T.C. College, Baramati, University of Pune, 2008.

Teaching Experience:

- Worked as a lecturer at Department of Statistics, Abasaheb Garware College, Pune from July 2011 to April 2012.
- Working as an Assistant Professor at Department of Statistics, Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon from July 2012 to till date.

Details of Ph.D. (under progress):

- Topic: A Study on Concomitants of Order Statistics and its applications in Ranked Set Sampling
- Guide: Dr. (Mrs.) K. K. Kamalja, Department of Statistics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Research Project:

Project entitled 'Parameter estimation of bivariate distributions under Ranked set sampling' got sanctioned under VCRMS scheme of KBCNMU, Jalgaon.

Research Papers published in Journals:

1. Koshti, R. D., and Kamalja, K. K. (2021). Efficient Estimation of a Scale Parameter of Bivariate Lomax Distribution by Ranked Set Sampling. *Calcutta Statistical Association Bulletin*, 73(1), 24-44.
2. Koshti, R. D., and Kamalja, K. K. (2021). Parameter estimation of Cambanis-type bivariate uniform distribution with Ranked Set Sampling. *Journal of Applied Statistics*, 48(1), 61-83.
3. Kamalja, K. K. and Koshti, R. D. (2019), Estimation of Scale Parameter of Morgenstern Type Bivariate Generalized Uniform Distribution by Ranked Set Sampling, *Journal of Data Science*, 17(3), 513-534.
4. Koshti, R. D., and Kamalja, K. K. (2017), Estimation of scale parameter of a Bivariate Lomax distribution by Ranked Set Sampling, *Model Assisted Statistics and Applications*, 12(2), 107-113.

List of Paper Presentations in National/International Conferences:

(* denotes the name of paper presenting author)

1. **R.D. Koshti*** and **K.K. Kamalja** (2020) Efficient Estimation of a Scale Parameter of Bivariate Lomax Distribution by Ranked Set Sampling, *International Virtual Conference on Prof. CR Rao's School of Thought in Statistical Sciences*, organized by Department of Statistics, Pondicherry University & Mrs. A.V.N. College, Visakhapatnam during November 21-22 and 28-29, 2020.
2. **R.D. Koshti*** and **K.K. Kamalja** (2020) Parameter estimation of Cambanis type Bivariate Exponential distribution with Ranked Set Sampling, *International Conference on Importance of Statistics in Global Emerging Scenario*, organized by Department of Statistics, Savitribai Phule Pune university, Pune during January 02-04, 2020
3. **R.D. Koshti*** and **K.K. Kamalja** (2019) Application of Ranked Set Sampling in parameter estimation of Cambanis type Bivariate Uniform distribution, *National conference on 'Recent Advancements in Statistics and Their Applications to the Society'* organized by Department of Statistics, New Arts, Commerce and Science College, Ahmednagar during January 17-18, 2019.
4. **R.D. Koshti*** and **K.K. Kamalja** (2018) Application of Ranked Set Sampling in parameter estimation of Cambanis type Bivariate Uniform distribution, *National conference for 'Women in Statistics and Analytics'* organized by Department of Statistics, Savitribai Phule Pune university, Pune during February 14-16, 2018.
5. **R.D. Koshti*** and **K.K. Kamalja** (2017) Estimation of Scale Parameter of Morgenstern type Bivariate Generalized Uniform Distribution by Ranked Set Sampling, *National Conference on Recent Advancements in Statistics and Their Applications to Society* organized by Department of Statistics, Savitribai Phule Pune University, Pune during 23-25 March 2017.
6. **R.D. Koshti*** and **K.K. Kamalja** (2016) Estimation of a scale parameter of Bivariate Lomax distribution by Ranked Set Sampling, *National conference on 'Applied Statistics'* organized by Department of Statistics, Shivaji University, Kolhapur during March 11-12, 2016.

Software used in teaching and research: R, Matlab, Minitab, SAS

Any other activity done/going on.

- Attended Online FDP on 'Data Analysis using SPSS' conducted by Teaching Learning Centre, Ramanujan College, University of Delhi during 25/05/2021 to 31/05/2021.
- Attended Online Refresher course conducted by Teaching Learning Centre, Ramanujan College, University of Delhi during 01/05/2021 to 15/05/2021.
- Attended Train the Teacher (TTT) program on the theme 'Online Learning: Live Classroom Teaching Platforms' organized by KBCNMU, Jalgaon from 20-23 July 2020.
- Worked as committee member at celebration of 'National Statistics day' program organized by Department of Statistics, SOMS, K.B.C. North Maharashtra University, Jalgaon on 29th June 2020.
- Attended online FDP on 'Effective Ways to develop E-content for Teaching Learning (Mathematical Sciences)' conducted by K.T.H.M. college, Nashik from 21/05/2020 to 30/05/2020.

- Worked as Deputy Coordinator of Accounts and Purchase, Printing and Certificate committee at University Level Research Convention AVISHKAR-2017 for Phase-I and Phase-II organized by KBCNMU, Jalgaon on December 30, 2019 and during January 08-09, 2020 respectively.
- Delivered a lecture on 'Probability Distributions and Asymptotic Inference' for M.Sc. (Statistics) I and II year students at T. C. College, Baramati on 13th September 2019.
- Member of Board of Studies in Statistics, T.C. College, Baramati.
- Participated in one day workshop on 'SWAYAM: MOOCs and e-content Development' organized by KRC & IQAC, KBCNMU, Jalgaon on May 21, 2019.
- Delivered a lecture on 'Regression Analysis' at workshop on 'Data Analysis using MINITAB' at M. J. College, Jalgaon on February 16, 2019.
- Delivered a lecture on 'Linear Models' in the State Level Workshop on NET/SET Examinations in Mathematical Sciences organized by Department on Mathematics, School of Mathematical Sciences, KBCNMU, Jalgaon on December 11, 2018.
- Worked as committee member at University Level Research Convention AVISHKAR-2018 for Phase-I and Phase-II organized by KBCNMU, Jalgaon.
- Worked as coordinator for National Science day program held at Department of Statistics, North Maharashtra University, Jalgaon on March 10, 2018.
- Worked as member of organizing committee in the university level 'Yuvarang 2017-18' organized by Students Development Department, North Maharashtra University, Jalgaon during February 12-13, 2018.
- Participated and presented a poster at the NMU campus level (Phase-I) and University level (Phase-II) Research Convection AVISHKAR 2017 organized by North Maharashtra University, Jalgaon on December 21, 2017 and December 29-30, 2017 respectively.
- Worked as member of Transportation, Printing and Certificate committee at University Level Research Convention AVISHKAR-2017 for Phase-I and Phase-II organized by NMU, Jalgaon on December 21, 2017 and during December 29-30, 2017 respectively.
- Attended workshop on 'Lilavati: by Bhaskaracharya Treatise' organized by Department of Statistics, School of Mathematical Sciences, NMU, Jalgaon on 22 September 2017.
- Attended Refresher course conducted at the UGC-HRDC, Punjabi University, Patiala during 22/06/2017 to 12/07/2017.
- Participated in the one day sensitization workshop 'I for Inclusion' conducted by Xaviers Resource Centre for Visually Challenged (XRCVC), Mumbai and jointly organized by RUSA Resource center for Inclusion Education, NMU, Jalgaon on 30 March 2017.
- Worked as a coordinator for National Science day program held at Department of Statistics, North Maharashtra University, Jalgaon on 17 March 2017.
- Participated and presented a poster at the NMU campus level (Phase-I) and University level (Phase-II) Research Convection AVISHKAR 2016 organized by North Maharashtra University, Jalgaon on January 03, 2017 and January 12-13, 2017 respectively.
- Attended Orientation programme conducted at the UGC-HRDC-Savitribai Phule Pune University, Pune during 18/04/2016 to 15/05/2016.

- Worked as member of organizing Committee at University Level Research Convention AVISHKAR-2016 for both Phase-I and Phase-II organized by NMU, Jalgaon on 03 January 2017 and on 12-13 January 2017 respectively.
- Participated in one day workshop on 'Indian Patenting and Filing Procedures' organized by RUSA on 23 August 2016.
- Attended National Science day program held at Department of Statistics, NMU, Jalgaon on 15 March 2016.
- Member of Computing and Printing committee at the University Level Research Convention AVISHKAR-2015 organized by NMU, Jalgaon on November 22, 2015.
- Member of Finance and Accounts committee at the University Level Research Convention AVISHKAR-2014 organized by NMU, Jalgaon during October 17-18, 2014.
- Attended celebration of 'National Statistics Day' program held at Department of Statistics, NMU on June 29, 2014.
- Member of organizing committee at the National Workshop on 'Statistics for Experimental Researchers' during February 14-15, 2014.
- Member of organizing committee at the National Conference on 'Applied Statistics and Related Working Practices' during January 30-31, 2014.
- Member of organizing committee at the 8th Maharashtra State Inter-University level Research Convention held at NMU, Jalgaon during January 16-18, 2014.
- Worked as Convener for the State Level Workshop for College Teachers in Statistics on 'Introduction of Statistical Software' and 'Modifications required in the Syllabus of B.Sc. (Statistics)' during January 10-11, 2014.
- Member of organizing committee at National Conference on 'Current Practices in Mathematics, Statistics and Actuarial Science' during March 7-8, 2013.

List of Courses Taught at Department of Statistics and Department of Actuarial Science, KBC NMU Jalgaon:

- Calculus-I
- Probability Theory
- Applied Statistics
- Distribution Theory
- Parametric Inference
- Survival Analysis
- Sampling Theory of Surveys
- Descriptive Statistics
- Mathematical Statistics
- Linear Models and Regression Analysis
- Asymptotic and Nonparametric Inference

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Contribution to University/School/Department:

- Member of Examination committee
- Member of Admission committee
- Member of Academic committee

Place: Jalgaon

Date: 19/07/2021

(Rohan Dilip Koshti)