

Research Profile of Dr. Keerthi Astagimath

Personal Information:

- Name in Full : Dr(Smt). Keerthi Astagimath
- Address : W/o Dr. M.N. Astagimath
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- Date of Birth : 10-06-1972
- Present Position : Associate Professor

Research Papers Published

- Keerthi M Mathad and I.D.Shetty, Testing Exponentiality Against Increasing Failure Rate Average Alternatives, International Journal of Agricultural and Statistical Sciences, Vol. 7, No. 2, pp. 409-421, 2011.
- Keerthi M Mathad and I.D.Shetty, A Sequential Non-Parametric Test For The Two Sample Problem, International Journal of Agricultural and Statistical Sciences, Vol. 10, No. 1, pp. 67-71, 2014. ISSN:0973-1903.
- Keerthi M Mathad and I.D.Shetty, A New Sequential Non-Parametric Test For The Two Sample Problem, International Journal of Statistika and Matematika, Vol. 9, Issue 3, 2014 pp. 100-107. ISSN: 2277-2790.

Research Papers Published Outside the Thesis

- Keerthi Astagimath and Parameshwar V. Pandit, A New Test for Testing Exponentiality Against Increasing Failure Rate Average Alternatives, Aryabhatta Journal of Mathematics and Informatics, Vol.10, No.2, July-Dec.,2018. ISSN: 0975-7139.
- Keerthi Astagimath Parameshwar V. Pandit and C.M.Math, A Note on Repeated Significance Test procedure for Testing Exponentiality Against Increasing Failure

Rate Average Alternatives based on subsamples, International Journal of Research and Analytical Reviews, Vol.6, Issue 1, February 2019. pp. 808-813. ISSN: 2349-5138.

- Keerthi Astagimath, Shubhashree Joshi, Parameshwar V. Pandit, On Selecting the Best Population among Increasing Failure Rate Average Populations, TEST Engineering and Management, Vol.83, March-April 2020. pp. 1230-1234. ISSN: 0193-4120.
- Keerthi Astagimath, S Joshi, P V. Pandit and C.M.Math, Test for Comparing Two Populations having more Increasing Failure Rate Average Property, Advances and Applications in Mathematical Sciences, Vol.20, Issue 10, August 2021, Pages 2269-2277.

Research Papers Presented

- Presented a research paper titled “ Testing Exponentiality Against Increasing Failure Rate Average Alternatives” in the National Conference on “Advances in Statistical Theory and Applications” held at Bangalore University from 16th to 18th November 2011.
- Presented a research paper titled “ A New Test for Testing Exponentiality Against Increasing Failure Rate Average Alternatives” in the International Conference on “Theory and Applications of Statistics and Information Sciences(TASIS-2018)” held at Bharathiar University, Coimbatore from 5th to 7th January 2018.
- Presented a research paper titled “Testing Exponentiality Against Increasing Failure Rate Average Alternatives Based on Subsamples” in the International Conference on “Emerging Innovations in Statistics and Operations Research(EISOR-2018)” held at M.D.University, Rohtak from 27th to 30th December 2018.
- Presented a research paper titled “On Selecting the Best Population Among Increasing Failure Rate Populations” in the International Conference on “Recent Advances in Statistics and Data Science for Sustainable Development” held at P.G. Department of Statistics, Utkal University, Odisha from 21st to 23rd December 2019.
- Presented a research paper titled “Selecting Best Increasing Failure Rate Average Population- A Large Sample Approach” in the National Conference on “Theoretical and Applied Statistics” held at Department of Statistics, Kristu Jayanti College(Autonomous) from 23rd to 24th January 2020.

- Presented a research paper titled “A test for Comparing Two Populations Having More Increasing Failure Rate Average Property” in the Virtual National Conference on “Theoretical and Applied Statistics” organized by Department of Statistics, Kristu Jayanti College(Autonomous) in association with National Statistical Office (NSO), Ministry of Statistics and Programme mplementation (MoSPI), GoI, Department of Statistics, Bangalore University and Bengaluru North University on 9th and 10th February 2021.

Completed Projects

Sl.No.	Title	Agency	Period	Grant/Amount (Rs. In lakhs)
1.	Minor Research Project—A Simple Non-Parametric Test the SPRT and ASN	UGC, Bangalore	2011-2013	Rs. 1 lakhs and 10000