



Kalinga Kanya Parida, M.Phil.

Designation : Assistant Professor

Department : Department of Computer Science and Engineering
(JOINED THE INSTITUTE IN 2026)

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RESEARCH INTERESTS

- ✓ Probability and Statistics
- ✓ Inferential Statistics
- ✓ Time Series Analysis
- ✓ Stochastic Process

Academic Qualifications

- ✓ Ph. D. (cont.), Mathematics, NIT Rourkela, Odisha, India
- ✓ M.Phil. (Statistics), Ravenshaw University, Cuttack, Odisha, India
- ✓ M.Sc. (Statistics), Ravenshaw University, Cuttack, Odisha, India

Teaching Experience/Industrial Experience/Research Experience

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PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS

- [1] Kalinga Kanya Parida, and Manas Ranjan Tripathy, Interval Estimation and Hypothesis Testing on the Common Shape Parameter of Two Gamma Populations with Different and Unknown Scales, Journal of Indian Society of Probability & Statistics, 26, 933–959 (2025). <https://doi.org/10.1007/s41096-025-00250-y>

- [2] Kalinga Kanya Parida, and Manas Ranjan Tripathy, **Interval Estimation of Common Scale Parameter of Two Weibull Populations with Unknown and Different Shapes**, Springer Proceedings in Mathematics and Statistics. Applied and Computational Mathematics - Applications in Finance and Data Science (2025) (Accepted for Publication).

ANY OTHER

Conferences attended/ Presented Papers:

- [1] Presented paper at International Conference on applied emerging - 2024 at Dhanalaxmi Srinivasan University, perambalur, Tamilnadu jointly organized SIIRT University, Turkey (13-14 Dec, 2024 (hybrid mode)).
- [2] Presented paper at 3rd International Conference on Applied Mathematics in Engineering (AMSE-2024) ITER, SOA , Bhubaneswar co-organised by NIT Arunachal Pradesh (25 -27 July).
- [3] Presented paper at 2nd International Conference on Recent Advances in Applied Mathematics (RAAM-2014) Held at IIT BHU, Varanasi (3-5 July 2024).
- [4] Presented paper at International Conference on Recent Advances of Probability and Statistics in Interdisciplinary Research organized by Allahbad University in conjunction with 43rd Annual convention of Indian society of probability and Statistics (ISPS),06-08 Feb 2024.
- [5] Participated in the National Workshop on Probability and Statistics with Application organized by Department of Mathematics, NIT Rourkela. (Nov 28-Dec 2)
- [6] Participated in short-term course on Recent Trends in Time series Forecasting using Deep learning Models in organized by Department of Computer Science and Engineering, NIT Rourkela (25-29 Dec-2023).