

Curriculum Vitae

Dr. Pradip Kumar

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Academic Qualification:

- **Ph.D. Degree** awarded with thesis entitled “**Estimation of Lifetime Distributions Under Classical and Bayesian Paradigms**” from Department of Statistics, Banaras Hindu University, Varanasi in 2022.
- Passed **M.Sc. in Statistics** from **Banaras Hindu University, Varanasi** with 1st Division (76.30%) in 2014.
- Passed **B.Sc.** from **Mahatma Gandhi Kashi Vidyapith, Varanasi** with 1st Division (63.44 %) in 2012.
- Passes Intermediate from **U.P. Board** with 1st Division (63.80%) in 2009.
- Passes High School from **U.P. Board** with 2nd Division (53.00%) in 2007.

Achievement:

- BHU UGC-RET Fellowship 2015.
- UGC NET Qualified in December 2015.
- UGC NET Qualified in January 2017.

Teaching Experience:

- Working as an Assistant Professor in **Department of Statistics, Central University of Odisha**, since 29/01/2024.
- Worked as a Statistician Cum Assistant Professor in **Department of Community Medicine, Government Medical College, Ambedkar Nagar, Uttar Pradesh**, since 13/07/2023 to 24/01/2024.
- Worked as a Guest Faculty in **Department of Statistics, University of Delhi**, since 14/11/2022 to 12/07/2023.
- Worked as a Guest Faculty in **Department of Statistics, Faculty of Science & Technology, Mahatma Gandhi Kashi Vidyapeeth, Varanasi**, since 17/12/2020 to 12/11/2022.

Published Paper:

1. **Pradip Kumar, Pawan Kumar, Dinesh Kumar, Sanjay Kumar Singh and Umesh Singh** (December, 2023); “**Bayesian Estimation of Parameter For Different Loss Functions Using Progressive Type-II Censored Data**”. Electronic Journal of Applied Statistical Analysis; Vol. 16, Issue 3, pp: 519-540; ISSN: 2070-5948.
[DOI Code: 10.1285/i20705948v16n3p519](https://doi.org/10.1285/i20705948v16n3p519)

2. **Pradip Kumar**, Dinesh Kumar, Pawan Kumar and Umesh Singh (December 2022); **Classical and Bayesian Estimation of Parameter of $SS_E(\epsilon)$ - distribution under Type-II Censored Data**. Reliability Theory and Application, Vol. 17, No. 4, pp- 297-310; ISSN: 1932-2321.
<https://doi.org/10.24412/1932-2321-2022-471-297-310>
3. Dinesh Kumar, Prashant. Kumar. Chaurasia, **Pradip. Kumar** and Anshu. Chaurasia (March, 2022), **A Novel Transformation: Based on Inverse Trigonometric Lindley Distribution**; Reliability Theory and Application, Vol. 17, No. 1, pp.- 303-315; ISSN: 1932-2321.
4. Dinesh Kumar, Pawan Kumar, **Pradip Kumar**, Sanjay Kumar Singh and Umesh Singh (**July, 2021**). **PCM Transformation: Properties and Their Estimation**; Journal of Reliability and Statistical Studies, Vol. 14, No. 2, pp.- 373-392; ISSN: 2229-5666.
5. Dinesh Kumar, Abhimanyu Singh Yadav, Pawan Kumar, **Pradip Kumar**, Sanjay Kumar Singh and Umesh Singh (**June, 2021**). **Transmuted Inverse Lomex Distribution And Its Properties**; International Journal of Agriculture and Statistical Sciences. Vol. 17, No. 1, pp. 01-08-; ISSN : 0973-1903.
6. Dinesh Kumar, Pawan Kumar, **Pradip Kumar**, Umesh Singh and Prashant Kumar Chaurasia (**Dec., 2020**). **A New Asymmetric Loss Function For Estimation of Any Parameter**; International Journal of Agriculture and Statistical Sciences. Vol. 16, No. 2, pp. 489-501; ISSN : 0973-1903.
7. Sandeep Kumar Maurya, Dinesh Kumar, **Pradip Kumar**, Sanjay Kumar Singh and Umesh Singh. (**July, 2020**). **A New Extension of Lindley Distribution: And Its Application**; Journal of Scientific Research, 64(2), pp. 366-373. ISSN 0447-9483. UGC Listed-137.
8. Dinesh. Kumar, **Pradip Kumar**, Sanjay Kumar Singh and Umesh Singh (**Jan., 2019**). **A New Asymmetric Loss Function: Estimation of Parameter of Exponential Distribution**; An International Journal of Statistics Applications & Probability Letters Vol. 6, No. 1, PP:37-50 ISSN 2090-8458 (online).
9. Dinesh. Kumar, Sanjay Kumar Singh, Umesh Singh, **Pradip Kumar** and Prshant Kumar Chaurasia (**April, 2018**). **Statistical Properties and Application of a Lifetime Model Using Sine Function**, INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS, Vol. 6, No. 2, PP: 993-1002, ISSN: 2320-2882.

Workshop Attended:

1. Latex Training Programme “(DST-CIMS, BHU 2016).
2. “Winter School in Probability” in Indian Statistical Institute, Kolkata during 16-28 December 2013 Organized by Indian Statistical Institute.
3. An Internship Programme in Statistics Division, Department of Higher Education, Ministry of Human Resource Development during 14 June -13 August Organized by Ministry of Statistics in Programming Implementation (MOSPI).

Conference Attended:

1. A paper entitled “ **A New Transformation Method: Properties and Their Estimation**” in **International Conference on Mathematics & Statistics in The Era of Data Science** at Department of of Mathematics and Statistics, Central University of Jharkhand, Ranchi, 18th March to 20th March 2025.
2. A paper entitled “**Some Properties and Applications of DUS Exponential Distribution**” in **National Seminar on Scientific and Statistical Software in Research** at School of Science , U.P. Rajarshi Tandon Open University, Allahabad, March 30-31, 2017.

3. A paper entitled, **“An Extended Generalized Inverse Lindley Distribution: Properties and Real Data Application”** in **33rd Annual National Conference of The Mathematical Society-BHU on Recent Advances In Mathematical Modeling And Analysis**, at Department of Statistics, BHU, Varanasi, February 16-17, 2018.
4. A paper entitled, **“Comparison of Different Estimation method for DUS –Exponential Distribution”** in **International Conference on Emerging Methodologies in Theoretical and Applied Statistics**. At Department of Statistics, BHU Varanasi, September 18-20, 2018.

Specialization:

1. Statistical Inference
2. Bayesian Inference
3. Distribution Theory
4. Applied Statistics