Curriculum Vitae

Dr. LAVI TYAGI



Date of Birth : 02-Jan-1994
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Educational Qualification

- Ph.D. (Statistics), Chaudhary Charan Singh University (Campus), Meerut, 2023.
- M.Phil. (Statistics), Chaudhary Charan Singh University (Campus), Meerut, 2017.
- M.Sc. (Statistics), Chaudhary Charan Singh University (Campus), Meerut, 2016.
- B.Sc.(Physics, Statistics, Mathematics), N.A.S. COLLEGE, MEERUT, 2014.

Journal Papers Published

- Pradeep Chaudhary and Lavi Tyagi, "Cost-Benefit analysis of a two-unit standby system with preventive maintenance of priority unit," International Transactions in Mathematical Sciences and Computers", Vol. 12, No. 1, pp.1-18 (2019).
- Pradeep Chaudhary and Lavi Tyagi, "A Two non-identical unit standby system with minor and major repairs in priority unit and correlated failure and repair," Int. J. Agricult. Stat. Sci. ", Vol. 16, No. 1, pp. 243-250 (2020).(SCOPUS)
- Pradeep Chaudhary and Lavi Tyagi, "A Two Non-Identical Unit Parallel System Subject to Two Types of Failure and Correlated Life Times", Reliability: Theory and Applications 16, No. 2, pp. 247-258 (2021). (SCOPUS)
- Pradeep Chaudhary and Lavi Tyagi, "A Discrete Markov-Chain Model of a Two-Unit Standby System with inspection and preparation for repair of a unit", International journal of Statistics and reliability engineering, 9(2), pp. 235-245 (2022).

Research Paper Presented

- Presented a research paper in International conference on Twenty-Seventh International conference of Forum for Interdisciplinary (FIM) in conjunction with third Convention of IARS on Interdisciplinary Mathematics, Statistics and Computational Techniques (IMSCT 2018-FIM XXVII), University of Jammu during 02-04 November 2018.

- Presented a research paper in International conference on 24th International Conference of International Academy of Physical Sciences (CONIAPS XXIV) to be held at Ch. Charan Singh University, Meerut during 9-11 August 2019.

- Presented a research paper in International conference on PMSCET-2019 to be held at Jawaharlal Nehru University, Delhi during 14th December 2019.

- Presented a research paper in International Conference on Recent Application of Statistical Techniques and Analysis (RASTA-2021) Department of Statistics, held at Institute of Science Banaras Hindu UniversityVaranasi during 15-17 December, 2021.

Workshops/Webinars attended

- Workshop on Web of Science and Endnote held at Chaudhary Charan Singh University, Meerut, 13 March 2018.
- Webinar on Statistics & Data Analytics : Trending Career Options organized by N.A.S. College Statistics Association in association with TWY Academy, Meerut, 27 May 2020.
- National Webinar on Reliability & Survival Analysis, Kalinga University Naya Raipur Chhattisgarh, INDIA, 10 December 2020.
- Workshop on Sample Size Determination Using G-power Software, Department of Statistics, St. John's College, Agra. 23-24 May 2020.
- R Programming and LATEX TYPESETTING held at Banaras Hindu University, Banaras, 05-10 January 2021.

Scholarship

Awarded by the Departmental Research Scholarship for two consecutive years from the Department of Statistics (Chaudhary Charan Singh University, Campus, Meerut) for the 2019-2020 and 2020-2021 sessions.

Area of Interest

- Inferential Statistics, Multivariate Analysis, Design of Experiments, Sampling Theory, Probability Theory, Operations Research, Quality Control, Statistical Distributions, Time Series, Demography, Index Number, Research Methodology.

Responsibilities

- Anchored a quiz in NAS college, Meerut in 2014.
- Volunteered at the 24th International Conference of the International Academy of Physical Sciences (CONIAPS XXIV) at Ch. Charan Singh University, Meerut, during 9-11 August 2019.
- I have taught M.Sc classes along with my Ph.D.

Computer Skills

- Microsoft Office (Word, Excel, Power Point, etc)
- R-software
- C language

Research Experience

5 years of research experience in the field of Reliability Modeling.