

Curriculum-Vitae

Dr. Sweety Kadyan
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- ❖ Ph.D. (2021): Department of Statistics, M.D. University, Rohtak

Theses Title: Stochastic Analysis of Non-Identical Repairable Systems with Simultaneous Working of Cold Standby Units

Thesis Supervisor: Prof. S.C. Malik (Email: sc_malik@rediffmail.com)

- ❖ M.Phil (2016): Department of Statistics, M.D. University, Rohtak
- ❖ B. Ed. (2014): Disha College of Education (Beri), M.D. University, Rohtak
- ❖ M.Sc. Mathematical Statistics (2013): Department of Statistics, M.D. University, Rohtak
- ❖ B.A. (2011): V.M.M.R, M.D. University, Rohtak
- ❖ 12th (2008): G.G. Sr. Sec. School, Beri, BSEH, Bhiwani

Achievements

- ❖ Govt. of India Merit Scholarship Holder from 2004 to 2007
- ❖ Post-metric Scholarship Holder from 2011 to 2013
- ❖ University Research Scholarship Holder from 2019 to 2021
- ❖ 3rd Position in M.Sc. (Mathematical Statistics)
- ❖ 1st Position in M.Phil (Statistics)
- ❖ Haryana Teacher Eligibility Test (TGT & PGT) Qualified.
- ❖ Central Teacher Eligibility Test (PRT & TGT) Qualified.

Membership

- ❖ Life Member of Indian Association for Reliability and Statistics (IARS)
- ❖ Life Member of Indian Society of Probability and Statistics (ISPS)

Experience

- ❖ As an PGT(Mathematics) teacher at C.R. Sr. Sec. School, Rojhuwas, Rewari during April 2016-March 2019, three years teaching experience.
- ❖ Two year experience in the form of Collecton, compilation, analysis of data and interpretation of the results.

Paper Presentation in Conferences/Workshops/Seminar and Academic Programs Attended

- Two Days National Seminar on Data Analysis Using Software (R & SPSS) Organised by Department of Statistics, Maharshi Dayanand University, Rohtak during October 17- 18, 2019.
- o Research Paper Presented: Availability Analysis of a Non- Identical Repairable System with Simultaneous Working of Cold Standby Units with Priority for Operation to Main Unit.
- International Conference on Recent Advances in Statistics and Data Science for Sustainable Development organized by the P.G. Department of Statistics, Utkal University, Odisha in Conjunction with Indian Society for Probability and Statistics (ISPS) during December 21-23, 2019.
- o Research Paper Presented: Stochastic Analysis of a Non-Identical Repairable System with Simultaneous Working of Cold Standby Units with Priority for Operation to Main Unit.
- A University Level Workshop cum Training Programme on “Statistical Techniques and Data Analysis Using Software” organized by Department of Statistics, M.D. University, Rohtak during February 25- March 01 2020.
- Webinar on “Connecting the World with Statistics in the Era of Data Science” organized by the Department of Mathematics & Statistics, Manipal University, Jaipur with the collaboration of Indian Association for reliability and Statistics (IARS) on October 20, 2020.
- International Conference (Virtual) of Forum for Interdisciplinary Mathematics (FIM) -Synergies in Computational, Mathematical, Statistical and Physical Sciences (FIM 28: SCMSPS 2020) organized by FIM, Stella Maris College, Chennai and Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Tamilnadu, India from 23rd to 27th of November, 2020.
- o Research Paper Presented: Stochastic analysis of a three-unit non-identical repairable system with priority to main unit for operation and repair.
- A University Level Workshop on “Reliability Theory and Modelling” organized by Department of Statistics, M.D. University, Rohtak on February 26, 2021.
- Two Days Webinar organized by Indian Society for Probability and Statistics (ISPS) and Department of Mathematics & Department of Statistics, The Madura College, Madurai during 13-14, March 2021.

- Training program on “Statistical Tools and Data Analysis Using Software” organized by Department of Statistics, M.D. University, Rohtak on March 24-26, 2021.
- Workshop on “Seven Days Online Workshop on SPSS” organized by Department of Statistics, Panjab University, Chandigarh on June 8- July 04, 2021. Seven Days Workshop on “Research Methodology in Social Sciences” under the auspices of Ch. Ranbir Singh Institute of Social and Economic Change, M. D. University, Rohtak from 16th – 22th January, 2018.
- International Conference on Emerging Trends in Statistics and Data Sciences organized by ISPS during 07-10 September, 2021.
- o Research Paper presented: Stochastic Analysis of a Repairable System with Three – Units and MRT.
- International Virtual Conference on Statistics and Data Science: Theory and Practice for Progress and Prosperity organized by Osmania University, Hyderabad and ISPS during 11-13 March, 2022.
- o Research Paper presented: Stochastic Analysis of a Non-Identical Repairable System with Operational Priority to Simultaneously Working Units.

Research Paper Published/Accepted

- Stochastic analysis of a non-identical repairable system of three units with priority for operation and simultaneous working of cold standby units. *International Journal of Statistics and Reliability Engineering*, 2020, 7(2), 269-274. (with M S Barak and Gitanjali, UGC Care listed Journal)
- Stochastic Analysis of a Three-Unit Non-Identical Repairable System with Simultaneous Working of Cold Standby Units. *Journal of Reliability and Statistical Studies*, 2020, 385-400. (with S.C. Malik and Gitanjali, ESCI, Web of Science Indexed Journal)
- Stochastic analysis of a three-unit non-identical repairable system with priority to main unit for operation and repair. *International Journal of Reliability and Safety*, 2020, 14(2-3), 182-198. (with S.C. Malik and Gitanjali, SCOPUS Indexed Journal)
- Stochastic Analysis of Non-Identical Repairable System with Simultaneous Working of Cold Standby ‘n’ Units, *International Journal of Statistics and Reliability Engineering*, 8(3), 415-421 (with S.C. Malik, , UGC Care listed Journal)
- Stochastic Analysis of a Non-Identical Three Units Repairable System with Operational Priority to Simultaneously Working of Identical Units (Accepted, International Journal of Quality & Reliability Management, SCOPUS and ESCI)

Languages Known

❖ English and Hindi.

ICT Skills

- ❖ Basic Knowledge of Computer: Microsoft Office, Internet Surfing, C language, etc.
- ❖ Software Known: R-Software, SPSS(elementary knowledge).

Declaration

I hereby declare that the information given above by me is correct to the best of my knowledge.

Place: Beri

(Sweety)