

**CURRICULUM VITAE**

# Dr. Satish Kumar

**Department of Statistics**

**M.D. University, Rotak-124001**

# ACADEMIC RECORD

**E-MAIL:**[statskumar1@gmail.com](mailto:statskumar1@gmail.com)

**MOBILE +91-8006324065**

**PERSONAL DETAILS**

**Father’s Name :** Sh. Ratan Singh

**Date of Birth :** Jan.7th 1992 **Sex :** Male

**Marital Status :** Un-married **Religion :** Hindu **Nationality :** Indian

**CORRESPONDENCE ADDRESS**

Dr. Satish Kumar

Department of Statistics

Maharshi Dayanand Univeristy,Rohtak

District - Rohtak Pin Code- 124001

State – Haryana

**PERMANENT ADDRESS**

Dr. Satish Kumar

S/o Sh. Ratan Singh

VPO Alamnagar, Distt. Hapur

Pin code – 245208 State – Uttar Pradesh

**2018**

**Ph.D. (Statistics)**, Department of Statistics, M.D., University, Rohtak-124001 (H.R.)

**Topic**: Evaluation of Reliability Measures of Systems

Under Different Configurations

**Thesis Supervisor**: Prof. S.C. Malik

Email: [sc\_malik@rediffmail.com](mailto:sc_malik@rediffmail.com)

**2015**

**M.Phil. (Statistics)** with 71.43% from Department of Statistics, M.D., University, Rohtak-124001 (H.R.)

**Topic**: Reliability and MTSF Evaluation of Systems

Under Different Configurations

**2014**

**M.Sc. (Statistics)** with 73.45% from Department of Statistics, CCS, University, Meerut-250001(U.P.)

**B.Sc. (ESM)** with 61.42% from NAS College, CCS, University, Meerut-250001 (U.P.)

**2012**

**Achievements**

* First position in M.Phil. (Statistics) in M.D. University, Rohtak and received a Gold Medal.
* Award University Research Scholarship (URS) during Ph.D. degree.

**Teaching Experience**

* Assistant Professor (Guest), Department of Statistics, M.D. University, Rohtak from Aug. 21, 2018 to till date.
* Teaching Experience (2016-18) under the University Research Scholarship (URS), Department of Statistics, M. D. University, Rohtak.

# Computer Skills

* Basic Knowledge of Computer: Microsoft Office, Internet Surfing, C language etc.
* Statistical Software Known: R-Software

**Symposium Attended and other Curricular Activities**

1. Two days Faculty Development Program on “**Research Methodology & LaTex**”, during September 7-8, 2018 at B.K. Birla Institute of Engineering & Technology, Pilani.
2. Seven Days Workshop on “**Research Methodology in Social Sciences**”, organized by Ch. Ranbir Singh Institute of Social and Economic Change, M.D. University, Rohtak during January 16-22, 2018.
3. Two days National Workshop on “**Time Series Analysis and Forecasting**”, organised by Institute of Management Studies and Research under the aegis of Dr. Radha Krishnan Foundation Fund of Maharishi Dayanand University, Rohtak during Oct.28-29,2017.
4. Swarna Jayanti Two Days National Workshop on “**Data Analysis Using SPSS**” organized by Department of Statistics and Operational Research, Kurukshetra University, Kurukshetra (India) during March 20-21, 2017.
5. National Workshop on “**Scientific Writing Using LATEX**” organized by Department of Mathematics and Statistics, Dr. Shakuntala Misra National Rehabilation University, Lucknow during Feb. 14-20, 2017.
6. National Workshop on “**Sample Surveys and Data Analysis (Using Software-SPSS, MINITAB & R)**” jointly organized by the Department of Statistics, M.D. University, Rohtak and Indian Association for Reliability and Statistics (IARS) during June. 13-15, 2016.
7. National Workshop on “**SPSS & R Software**” jointly organized by the Department of Statistics, M.D. University, Rohtak and Indian Association for Reliability and Statistics (IARS) held on Feb. 20, 2015.
8. Ninth workshop on “**Reliability Theory and Survival Analysis**” organized by the Department of Statistics, Panjab University, Chandigarh during Nov. 4- 6, 2015.

**Paper Presentation in Conferences/Seminars**

1. 27th International Conference of FIM in Conjunction with 3rd Convention of IARS on Interdisciplinary Mathematics, Statistics and Computational Techniques (IMSCT 2018- FIM XXVII) Organized by Department of Statistics, University of Jammu, Jammu (India) during November 02-04, 2018.

**Presented Paper:** Reliability Measures of a Parallel-Series System with Weibull Failure Laws

1. National Seminar on “**Recent Trends in Science & Technology: A Computational Approach**” organized by Faculty of Physical Sciences, Ch. Bansi Lal University, Bhiwani on March 22, 2018

**Presented Paper**: Reliability Analysis of a Parallel-Series System

1. One day National Seminar on “**Stochastic Processes and Applications**” organized by Department of Statistics, M.D. University, Rohtak under Dr. R.K. Fund held on Nov. 11, 2017.

**Presented Paper**: Reliability and MTSF Evaluation of Series-Parallel Configuration using Weibull Failure Laws

1. National Conference on “**Statistics and Optimization Techniques (NCSOT)**” organized by Department of Statistics, M.D. University, Rohtak (India) during Feb. 11-13, 2017.

**Presented Paper:** Reliability Measures of a Parallel System with Weibull Failure Laws

1. VIII International Symposium on Statistics and Optimization in Conjunction with XXXVI – Annual Convention of Indian Society for Probability & Statistics (ISPS) organized by Department of Statistics & Operations Research, Aligarh Muslim University, Aligarh (India) during Dec. 17-19, 2016.

**Presented Paper:** Reliability Measures of a Series Structure System.

1. Conference on “**Computational Mathematics & Operations Research**” organised by B.K. Birla Institute of Engineering & Technology, Pilani during October 15-16, 2016.

**Presented Paper:** Reliability and MTSF Evaluation of Series and Parallel Systems

**Published Research Papers**

1. Reliability and MTSF of Series and Parallel Systems. International Journal of Statistics and Reliability Engineering, Vol.2 (1), pp. 74-80, 2015 (with Jyoti Nandal &S.C. Malik, ISSN: 2350-0174).
2. Reliability Evaluation of Series-Parallel and Parallel-Series Systems for Arbitrary Values of the Parameters. International Journal of Statistics and Reliability Engineering, Vol.3 (1), pp. 10-19, 2016 (with S.C. Malik, ISSN: 2350-0174).
3. Reliability Measures of a Series System with Weibull Failure Laws. International Journal of Statistics and Systems, Vol. 11(2), pp. 173-186, 2016 (With S.C. Malik., ISSN:0973-2675).
4. Stochastic Analysis of a System with Maintenance of Standby and Repair of the Failed unit Subject to Inspection. International Journal of Statistics and Reliability Engineering, Vol.3 (2), pp. 155-164, 2016 (with Anju Dhall, ISSN: 2350-0174).
5. Evaluation of Reliability and MTSF of a Parallel System with Weibull Failure Laws. Journal of Reliability and Statistical Studies, Vol. 10 (1), pp.137-148, 2017 (with S.C. Malik, ISSN: 0974-8024, Indexed).
6. Reliability Measures of a Cold Standby System with Preventive Maintenance and Server Failure during Repair. International Journal of Statistics and Reliability Engineering, Vol. 4(1), 75-85, 2017 (with Jyoti Nandal & A.S. Grewal, ISSN:2350-0174).
7. Reliability and MTSF Evaluation of a Parallel-Series System using Weibull Failure Laws. International Journal of Computer Applications, Vol., 172(2), pp.11-21, 2017 (with S.C. Malik, ISSN:0975-8887, Indexed).
8. Reliability and MTSF Evaluation of Series-parallel Configuration using Weibull Failure Laws. International Journal of Agricultural and Statistical Sciences, Vol. 13(2), pp. 759-770, 2017.( with S.C. Malik, ISSN: 0973-1903, Indexed: Scopus).
9. Reliability Evaluation of a Non Series-Parallel System of Six Components with Weibull Failure Laws. Life Cycle Reliability and Safety Engineering, DOI 10.1007/s41872-018-0066-4, 2018 (with Nitika Ahlawat and S.C. Malik, ISSN: 2520-1352, Indexed: Springer).
10. Reliability Evaluation of a Non Series-Parallel System of Five Components with Different Flow of Information and Weibull Failure Laws. Reliability Engineering and System Safety (communicated, with S.C. Malik & Nitika Ahlawat).
11. Reliability Analysis of a Seven Component Non Series-Parallel System with Maximum Flow of Information and Weibull Failure Laws. International Journal of System Assurance Engineering and Management (communicated, with S.C. Malik and Nitika Ahlawat).

**Membership**

Life Member of Indian Association for Reliability and Statistics (IARS)

**Declaration**

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

**Date: 29/11/2018**

**Place: Hapur (SATISH KUMAR)**