

C.V

Ravinder Singh

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Education

| Course/Degree | Subject/Title | Institute/University | Year | Percentage | Division |
|------------------------|--------------------------------------|---|-----------|------------|-----------------|
| CSIR-UGC(NET)-JRF | Statistics | Qualified | June-2017 | | |
| Ph.D | Statistics | Punjabi University Patiala | 2019 | | |
| Ph. D (Course Work) | Statistics (Reliability Modeling) | Punjabi University Patiala | 2012-13 | | A |
| M. Sc | Statistics | Punjabi University Patiala | 2012 | 73.45 | 1 st |
| B. Sc | Computer Statistics Maths | Punjabi University Patiala | 2010 | 71.37 | 1 st |
| Sr. Sec (10+2) | Maths | P.S.E.B | 2006 | 67.33 | 1 st |
| 10th | Science, Maths | P.S.E.B | 2004 | 65.46 | 1 st |
| PGDCA | | Punjab State Board of Technical Education and Industrial Training | 2016 | 76.93 | 1 st |

Scholarships

- Rajiv Gandhi National Fellowship w.e.f 1-04-2016 to 3/08/2018

Research Project

JRF-Junior Research Fellow: UGC-Major Research Project, 31-05-2013 to 31-05-2015.

SRF-Senior Research Fellow: UGC-Major Research Project, 01-06-2015 to 31-03-2016

Membership of Professional Societies/ Bodies

- ISPS-Indian Society for Probability and Statistics (Life Member). LM/2013/46/996
- IARS-Indian Association for Reliability and Statistics (Life Member). LM-35-2014
- ISC-Indian Science Congress (Life Member). L25857

International/ National Conferences

1. **International Conference** on “*Optimization Modeling and Applications*” Department of Operational Research **University of Delhi**, Delhi (India) 29 Nov, 2012 – 01 Dec, 2012.
2. **IV National Conference** on “Statistical Inference, Sampling Technique and Related Areas” Department of Statistics and Operational Research Aligarh Muslim University, Aligarh (India) 18 Feb, 2014 – 19Feb, 2014.
3. **32nd Annual National Conference of Indian Society for Medical Statistics** on “Recent Advances in Statistical Methods and Their Applications in Health Sciences” Department of Statistics, University of Jammu, Jammu, J&K (India) November 1-3, 2014.
4. **National Conference** on “Recent Trends and Development in Statistics” in Conjunction with 1st convention of Indian Association for Reliability and Statistics, Department of Statistics, M.D. University, Rohtak (India) Feb. 21-23, 2015.
5. **International Conference** on “Statistics and Related Areas for Equity, Sustainability and Development” in Conjunction with XXXV Annual convention of Indian Society for Probability and Statistics, Department of Statistics, University of Lucknow. Lucknow (India) Nov. 28-30, 2015.
6. **Indian Science Congress**, University of Mysore, Feb, 03-07, 2016.
7. **International conference** on “Recent Advances in Statistics” organized by Department of Statistics, University of Mumbai, Mumbai (India). June. 27-29, 2016.
8. **National Conference** on “Statistics and Optimization Techniques” organized by Department of Statistics, M. D. University Rohtak (India) Feb, 11-13, 2017
9. **3rd International Conference** on “New Frontiers of Engineering, Science, Management and Humanities” at Institution of Electronics and telecommunication Engineers, Sec-30-B, Chandigarh, India on dated July, 29-2017.
10. **International Conference** on “Latest Concepts in Science, Technology, Management and Humanities” at Gwalior Institute of Information technology, Gwalior, M.P on dated 17 Dec, 2017.
11. **10th International Conference** on “Recent Development in Engineering Science, Humanities and Management” at The Indian Council of Social

Science Research, North West Regional Centre, Panjab University Campus, Chandigarh on dated 24 Dec, 2017.

12. National Conference on “Current trends in Science in Punjab” organized by Department of Human Genetics, Punjabi University, Patiala in Collaboration with Indian Science Congress Association (Patiala Chapter) on dated 28th March. 2018.
13. International Conference on “Emerging Innovation in Statistics & Operational Research” organized by Department of Statistics, M. D. University Rohtak (India) in conjunction with 38th Annual Convention of ISPS and 4th Convention of IARS on dated 27-30 Dec, 2018.

Workshops / Seminar/ Training Program

1. **International Training program** on “*Optimization and Its Applications*” Department of Operational Research **University of Delhi**, Delhi (India) from 26/11/2012 to 01/12/2012.
2. **International workshop** on “ Reliability Theory and Survival Analysis” Department of Statistics Cochin University of Science and Technology, Cochin (India) 31Dec, 2013- 02 Jan, 2014
3. **National Workshop** on “SPSS & R Software” Department of Statistics, M.D. University, Rohtak (India) Feb. 20, 2015.
4. **National Workshop** on “Sample Surveys and Data Analysis (Using Software’s-SPSS, MINITAB and R)” Department of Statistics, M.D. University, Rohtak (India) June 13-15, 2016.
5. **International Workshop** on Reliability Theory and Survival Analysis” Organized by Department of Statistics, Savitribai Phule Pune University, Pune on dated November 3-5, 2016
6. **Swarna Jyanti National Workshop** on “Data Analysis Using SPSS” organized by Department of Statistics Kurukshetra University, Kurukshetra on dated 20-21 March, 2017.
7. **National Seminar on** “Stochastic Processes and Applications” organized by Department of Statistics, M.D. University, Rohtak on dated November 11, 2017.
8. **National Student Conclave-2018 and Seminar on** “Science, Technology and Innovation” organized by Amity University on dated 18-19 Jan, 2018.

Research Publications (Indexed Referred Journals)

1. Ravinder Singh, (2017) “Probability Analysis of a Cold Standby System with Logical Renewal” **International Journal of Statistics and Systems**, Vol.12 (2), pp. 213-224, ISSN: 0973-2675. (Co-author: Bhardwaj, R.K.).
2. Bhardwaj, R.K. (2017) “Long Run Performance of a Standby System under Repair Time Threshold & Server Failure” **International Journal of Statistics and Reliability Engineering**, Vol. 4(1), pp. 38-45, ISSN (O): 2456-2378. (Co-author: R. Singh).

3. Bhardwaj, R.K. (2016) “Stochastic Model of a Cold-Stand by System with Waiting for Arrival & Treatment of Server” **American Journal of Operations Research**, Vol. 6(4), pp. 334-342, ISSN: 2160-8849. (Co-author: Ravinder Singh).
4. Bhardwaj, R.K. (2015) “MTSF and Profit Modeling of a Standby System with Corrective Decision Subject to Inspection” **International Journal of Statistics and Reliability Engineering**, vol. 2(2), pp. 129-151. ISSN (O): 2456-2378. (Co-author: R. Singh).
5. Bhardwaj, R.K. (2015) “A Cold-Standby System with Server Failure and Delayed Treatment” **International Journal of Computer Applications**, vol. 124(17), pp. 31-36, IF: 0.8, ISSN: 0975 – 8887. (Co-author: R. Singh)
6. Bhardwaj, R.K. (2015) “Semi-Markov Model of a Standby System with General Distribution of Arrival and Failure Times of Server” **American Journal of Applied Mathematics and Statistics**, vol. 03(03), pp. 105-110, ISSN: 2328-7292. (Co-author: Ravinder Singh).
7. Bhardwaj, R.K. (2015) “An Inspection-Repair-Replacement Model of a Stochastic Standby System with Server Failure” **Mathematics in Engineering, Science and Aerospace**, vol. 06(02), pp. 191-202, ISSN: 2041-3173. (Co-author: R. Singh).
8. Bhardwaj, R.K. (2015) “Stochastic Modeling and Analysis of a Standby System with Server Failure under Arbitrary Distributions” **International Journal of Advanced Computer and Mathematical Science**, vol. 06(01), pp. 06-17, ISSN 2230- 9624, IF 2.6, ICV 6.0. (Co-author: Ravinder Singh).
9. Bhardwaj, R.K. (2014) “Steady State Behavior of a Cold-Standby System with Server Failure and Arbitrary Repair, Replacement & Treatment” **International Journal of Applied Engineering Research**, vol. 09(24), pp. 26563-26578, ISSN 0973-9769. (Co-author: Ravinder Singh).
10. Bhardwaj, R.K. (2014) “Semi Markov Approach for Asymptotic Performance Analysis of a Standby System with Server Failure” **International Journal of Computer Applications (IJCA)**, vol. 98(3), pp. 09-14, IF: 0.8, ISSN: 0975 – 8887, Pub: FCS New York.. (Co-author: Ravinder Singh).
11. Bhardwaj, R.K. (2019) “Steady State Performance of a Cold Standby System with Conditional Server Replacement” **Journal of Statistics Applications and Probability. (JSAP)**, (Co-author: Ravinder Singh).

Teaching Experience

| POST HELD | NAME OF INSTITUTION | DUTIES | PERIOD OF SERVICE | |
|------------------|----------------------------|-------------------|-------------------|------------|
| | | | FROM | TO |
| Project Fellow | Punjabi University Patiala | Teaching/Lab Work | 31/05/2013 | 31-03-2016 |
| Research Scholar | Punjabi University Patiala | Teaching/Lab Work | 1/04/2016 | 01/08/2018 |

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|---------------------|--|----------|------------|------------|
| Assistant Professor | Shaheed Rajguru College of Applied Science, University of Delhi, New Delhi | Teaching | 06/08/2018 | 16/12/2019 |
| Assistant Professor | Central University of Haryana, Mahendergarh-123031 | Teaching | 18/12/2019 | Till date |

Computers

- Languages : C, C++, HTML, Oracle
- Software : **STATISTICA**, R, SPSS, **MATLAB** Basic, MS-Word, MS- Excel

Honors/Awards/Achievements

- National Level school games silver medal
- State Level school games gold medal

Personal Details

Father's Name: Sr. Gurcharan Singh
 Mother' Name: Smt. Pritam Kaur
 Date of Birth: 23-12-1987.
 Sex: Male (Unmarried)
 Nationality: Indian
 Languages Known: English, Hindi and Punjabi

Contacts

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(RAVINDER SINGH)

