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A) Educational Qualification:

Degree	Year of Passing	University
B. A	2007	M. D. U. Rohtak
M. Sc (Maths)	2010	M. D. U. Rohtak
M. Phil (Maths)	2014	M. D. U. Rohtak
Ph. D	Pursuring	M. D. U. Rohtak

B) Career Profile:

Designation	Institute Served	Duration
Assistant Professor	All India Jat Heros Memorial College	28/7/2018 to Till Now

• Details of Research Publications:

- (i) “Reliability and Profit Analysis of a System with Effect of Temperature on Operation and Repair”, International Journal of Applied Engineering Research, Vol. 13, No.7(2018): pp. 4865-4870.
- (ii) Profit Analysis of a System Working in High Temperature Zones with Effect of Day-Night on Repair”, Aryabhata Journal of Mathematics and informatics, Vol. 10, No.2, (2018): pp. 397-404.
- (iii) Reliability Analysis of a System Working in High Temperature Zones with Fault-Dependent Repair during Night Hours”, International Journal of Applied Engineering Research, Vol. 13, N0. 20, (2018): pp. 14650-14656.

(iv) Reliability Model for a System with Temperature-Dependent Working and Time-Dependent Payment for Major Fault, Vol. 11, No. 01, (2019): pp. 1189-1196.

- Details of Conference / Workshop / Seminars

1. **“A Reliability Model on an Industrial System with Effect of Temperature on Operation”**, Presented in the International Conference on Modeling, Simulation & Optimizing Techniques, Organized by Post Graduate Department of Mathematics, DAV College, Jalandhar (Punjab), during 12-14 February 2015.
2. **“Analysis of a Fabric Manufacturing System Affected by Variation in Temperature”**, Presented in the National Conference on Recent Advances in Mathematics Organized by Department of Mathematics, Aggarwal College Ballabgarh, Faridabad (Haryana), during 20-21 February 2015.
3. **“Reliability Model on a System with Seasonal Effect”** Presented in the International Conference on Computational Mathematics & Statistics during 24-26 January 2017, held at Department of Mathematics & Statistics, Banasthali University, Banasthali (Rajasthan).
4. **“Study of Seasonal Effect on the Working of a Fabric Manufacturing System through a Reliability Model”** Presented in the International Conference on Recent Advances and Future Direction on Mathematics in Bio-Sciences during 28-30 October, 2017, held at Guru Jambheshwar University of science & Technology, Hisar(Haryana).
5. **“Analysis of a System Working in High Temperature Zones with Effect of Day-Night on Repair”**, Presented in the International Conference on Recent Advances in Mathematics Organized by Department of Mathematics, Aggarwal College Ballabgarh, Faridabad (Haryana), during 17-18 February 2018.
6. **“Performability Measures of a System Working in High Temperature Zones with Inspection, Two Types of Failure and Effect of Day- Night on Repair”**, Presented in the National Seminar on Recent Trend in Science & Technology a Computational Approach Organized by Faculty of Physical

Sciences, Ch. Bansi Lal University, Bhiwani (Haryana), on 22nd March , 2018.

7. **“Reliability & Profit Analysis of a System Working in High Temperature Zones with 24x7 Provision for Repair”**, Presented in the International Symposium on Advances in Mathematical Sciences & Application in Engineering & Technology in Department of Mathematics, Purnima University, (Rajasthan), during 27-29 April, 2018.