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	Qualification: <ul style="list-style-type: none"> ● Pursuing Ph.D. form Department of Operational Research, University of Delhi. ● M.Phil. from Department of Operational Research, University of Delhi. ● M.Sc. form Department of Operational Research, University of Delhi. ● B.Sc. from C.C.S University, Meerut.
Contact Info Email: neha@ramanujan.du.ac.in	Areas of Interest: Quantitative Techniques, Business Statistics, Software Reliability, Optimization problem.
Published Research Papers <ul style="list-style-type: none"> ● Neha, N., Tandon, A., Kaur, G., & Aggarwal, A. G. (2023). Synergic impact of development cost and slippage cost on software delivery time. <i>International Journal of System Assurance Engineering and Management</i>, 1-13. ● Tandon, A., Neha & Gurjeet Kaur (2022). Release Planning Problem with Testing Coverage and Fault Reduction Factor under Imperfect Debugging. <i>Advances in Mathematical Sciences and Applications</i>, Vol. 31, no. 1. ● Tandon, A., Neha & Aggarwal, A. G. (2020). Testing Coverage based Reliability Modeling for Multi-Release Open-Source Software incorporating Fault Reduction Factor. <i>Life Cycle Reliability and Safety Engineering</i>, 9(4), 425-435. ● Tandon, A., Neha, Aggarwal, A. G., & Jaiswal, A. (2020). Reliability Assessment of Software System Using IFS and OWA-Tree Analysis. <i>International Journal of Reliability, Quality and Safety Engineering</i>, 27(05), 2040013. https://doi.org/10.1142/S0218539320400136. ● Neha, Verma, V., Tandon, A., & Aggarwal, A. G. (2021). Software reliability allocation incorporating Pythagorean fuzzy theory and AHP. <i>International Journal of Industrial and Systems Engineering</i>, 38(1), 19-34. 	
Edited Book Chapters <ul style="list-style-type: none"> ● Neha, Kaur, G., & Jindal, V. (2022). Release Planning Analysis Through Testing Coverage and Fault Reduction Factor Based Models with Change Point Perspective. In <i>Optimization Models in Software Reliability</i> (pp. 83-110). Springer, Cham. ● Neha, Aggarwal, A. G., & Jaiswal, A. (2022). Multi-objective Release Time Problem for Modular Software using Fuzzy Analytical Hierarchy Process. In <i>Optimization Models in Software Reliability</i> (pp. 159-191). Springer, Cham. ● Verma, V., Neha, N., & Aggarwal, A. G. (2020). Software Release Planning Using Grey Wolf Optimizer. In <i>Soft Computing Methods for System Dependability</i> (pp. 1-44). IGI Global. 	

- Verma, V., **Neha**, N., & Aggarwal, A. G. (2020). Applications of Machine Learning for Software Management. In Handbook of Research on Emerging Trends and Applications of Machine Learning (pp. 130-156). IGI Global.

Paper Presented in International Conferences / Conference Proceedings

- **Neha**, Tandon A., Kaur G.; & Kapur P.K. (2023). Modelling Software Reliability Growth incorporating Testing Coverage Function and Fault Reduction Factor. Presented at 2nd International Conference on Recent Trends in Engineering, Technology and Business Management (ICRTETBM 2023) (Sustainability, Digitization and Business Operations) held on Feb 22, 2023, Amity University, Noida, India.
- **Neha**, Abhishek Tandon & Anu Gupta Aggarwal (2022). A Unified approach for Testing Coverage based Software Reliability Growth Modelling with insights of Multi-Release. Presented at 5th international conference on "Recent Advances in Mathematical Sciences with Applications in Engineering and Technology" held in Jawaharlal Nehru University, Delhi, India.
- **Neha**, Jaiswal A. & Tandon A. (2020). Object Oriented Fault Prediction Analysis Using Machine Learning Algorithms. Presented at 1st International Conference on Data Science, Machine Learning and Applications (ICDSMLA, 2019) held in Hyderabad, India.
- **Neha**, Aggarwal A.G. & Tandon A. (2018), A New Approach for Software Reliability Assessment incorporating Intuitionistic Fuzzy Set and OWA Tree. Presented at 1st International Conference on Emerging Trends in Inventory, Supply Chain & Reliability Modeling (ETISCRM, 2018) held in University of Delhi, Delhi, India.
- **Neha**, Tandon A. & Aggarwal A.G. (2018). An Approach to Reliability Allocation for Software using a Pythagorean Fuzzy Analytical Hierarchy Process. Presented at 9th International Conference on Quality, Reliability, Infocom Technology and Business Operations (ICQRIT, 2018) held in University of Delhi, Delhi, India.
- Gandhi, N., **Neha**, Aggarwal, A. G., & Tandon, A. (2017, September). Estimating reliability for OSS: An approach with change-point in operational phase. In 2017 6th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO) (pp. 248-253). IEEE.
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