

List of Publications

1. Deepti Chopra and Arvinder Kaur (2021), "IoT-based Group Size Prediction and Recommendation System using Machine Learning and Deep Learning Techniques" SN Applied Sciences, Springer 3, 160. DOI: <https://doi.org/10.1007/s42452-021-04162-x>
2. Arvinder Kaur and Deepti Chopra (2018), "Entropy Churn Metrics for Fault Prediction in Software Systems" Entropy, 20(12), 963. DOI: <https://doi.org/10.3390/e20120963>
3. Arvinder Kaur and Deepti Chopra (2016), "Reasons for Non-Applicability of Software Entropy Metrics for Bug Prediction in Android" World Academy of Science, Engineering and Technology, Open Science Index, International Journal of Computer and Systems Engineering, 10(6), 1170 - 1175. DOI: <https://doi.org/10.5281/zenodo.1125137>
4. Deepti Chopra and Arvinder Kaur (2021), "Predicting Group Size for Software Issues in an Open-Source Software Development Environment" In International Conference on Innovative Computing and Communications. Advances in Intelligent Systems and Computing, vol 1166. Springer, Singapore. DOI: <https://doi.org/10.1007/978-981-15-5148-221>
5. Arvinder Kaur and Deepti Chopra (2018), "GCC-Git Change Classifier for Extraction and Classification of Changes in Software Systems" In Intelligent Communication and Computational Technologies. Lecture Notes in Networks and Systems, vol. 19. (pp. 259-267). Springer, Singapore. DOI: <http://doi-org-443.webvpn.fjmu.edu.cn/10.1007/978-981-10-5523-224>
6. Arvinder Kaur and Deepti Chopra (2016, September), "Comparison of text mining tools" In 2016 5th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO), (pp. 186-192). IEEE. DOI: <https://doi.org/10.1109/ICRITO.2016.7784950>
7. Kaur, A., Kaur, K. & Chopra, D. An empirical study of software entropy based bug prediction using machine learning. Int J Syst Assur Eng Manag 8, 599–616 (2017). <https://doi.org/10.1007/s13198-016-0479-2>
8. Kaur, A., Kaur, K., Chopra, D. (2016). Application of Locally Weighted Regression for Predicting Faults Using Software Entropy Metrics. In: Satapathy, S., Raju, K., Mandal, J., Bhateja, V. (eds) Proceedings of the Second International Conference on Computer and Communication Technologies. Advances in Intelligent Systems and Computing, vol 379. Springer, New Delhi. https://doi.org/10.1007/978-81-322-2517-1_26
9. Arvinder Kaur, Kamaldeep Kaur, Deepti Chopra, Harguneet Kaur Systematic Literature Review on Mining Software Repositories, IJISSET - International Journal of Innovative Science, Engineering & Technology, 7 (1), 195-231 (2020)
10. Kaur, A. , Chopra, D. (2016). 'Reasons for Non-Applicability of Software Entropy Metrics for Bug Prediction in Android '. World Academy of Science, Engineering and Technology, Open Science Index 114, International Journal of Computer and Systems Engineering, 10(6), 1170 - 1175.
11. Deepti Chopra, Priyanka Dhiman, Priya Dhiman, Comparison of Machine learning tools for Defect Prediction, , International Journal of Control Theory and Applications 10(15), 181-185 (2017)
12. Deepti Chopra, Geetanjali, Analysis of Advancements and Issues in Internet of Things, INTERNATIONAL JOURNAL OF R&D IN ENGINEERING, SCIENCE AND MANAGEMENT, 5(5), 9-15 (2017)

13. Deepti Chopra, Chetna Madan, Analysis of Steganography Techniques for Text, Audio, Video and Images, INTERNATIONAL JOURNAL OF R&D IN ENGINEERING, SCIENCE AND MANAGEMENT, 5(6), 1-5 (2017)