List of Publications

.1 Journal Publication

1. Pati, J., Kumar, B., Manjhi, D., & Shukla, K. K. (2017). A COMPARISON AMONG ARIMA, BP-NN AND MOGA-NN FOR SOFTWARE CLONE EVOLUTION PREDICTION. IEEE Access. (SCI – IF 3.244)

2. Pati, J., Kumar, B., Manjhi, D., & Shukla, K. K. (2017). Machine Learning Strategies for Temporal Analysis of Software Clone Evolution using Software Metrics. International Journal of Applied Engineering Research, 12(11), 2798-2806. (Scoupus)

3. Pati, J.,K. K. (2017). Analysis of Temporal Bug Patterns in Open Source Software Using Hidden Markov Model International Journal of Software Engineering and Its Applications Vol. 11, No. 4 (2017), pp. 11-24.(Scoupus: 2011 - 2016)

4. Pati, J.,K. K. (2014). A nonlinear ARIMA technique for Debian bug number prediction, Volume4 issue4 of International Journal of Artificial Intelligence and Neural Networks, IRED, USA..

5. Pati, J.,K. K. (2014). Prediction of Temporal Bug Patterns of Debian Using Markov Model, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 1, pp. 1-6, ISSN: 2277 128X.

.2 Conference Publication

1. Pati, J., et al.(2015). A Hybrid Modeling Approach for Software Clone Evolution Prediction, Proceeding s of International Conference on Electrical Engineering and Computer Sciences (EECs-2015, Hong Kong).

2. Pati, J.,K. K. (2014). A Nonlinear ARIMA Technique for Debian Bug Number Prediction, Proc. of the Intl. Conf. on Advances in Computer and Electronics Technology- ACET 2014.Hong Kong. ISBN: 978-1-63248-024-8 doi: 10.15224/ 978-1-63248-024-8-14.

3. Pati, J.,K. K. (2015). A Hybrid Technique for Software Reliability Prediction, Proceedings of the 8th India Software Engineering Conference. ACM, 2015.

4. Pati, J.,K. K. (2014). A comparison of ARIMA, neural network and a hybrid technique for Debian bug number prediction. Computer and Communication Technology (ICCCT), 2014 International Conference on. IEEE, 2014.

5. Pati, J.,K. K. (2014). A Neural Network Approach to Debian Bug Number Prediction 4th International Conference on Computational Intelligence and Information Technology – CIIT 2014, Computer Application and Signal Processing 2014.

6. Pati, J., et al. (2017). Temporal Modelling of Bug Numbers of Open Source Software Applications Using LSTM. Accepted Advances in Intelligent Systems and Computing – Springer (Scoupus)

.3 Paper Under Review

1. Pati, J., et al. A Prediction Interval Based Estimation Approach for Software Reliability Modelling Using MOGA-NN and ELM. IEEE Transactions on Emerging Topics in Computational Intelligence (TETCI)(Under Review March 21- 2017)