

Sarangthem Ibotombi Singh

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Date of Birth: 1st February, 1968

Nationality: Indian

Qualification: PhD

Teaching Experience: 30+ years

Citation Metrics (Google Scholar)

All Time: Citations: 37, h-index: 3, i10-index: 1

Since 2020: Citations: 4, h-index: 2, i10-index: 0

Selected Publications

Recent Journal Articles:

- Satapathy BS, Sharma A, Dash M, Satapathy SS, Chakraborty J, Singh SI (2025) The Influence of Dynamic Technologies on the Software Release Management and SaaS Roadmap: A Survey *IJBPM*, 12(2)-135-148. DOI: <https://dx.doi.org/10.1504/IJBPM.2025.146538>
- Satapathy BS, Satapathy SS, Singh SI, Chakraborty J. The Dynamic Technical Documentation Landscape in the Software Industry and Its Impact on Stakeholders: A Look Ahead (*Currently under review in Int. J. of Agile Systems and Management*)
- Satapathy BS, Sharma A, Dash M, Satapathy SS, Chakraborty J, Singh SI. Driving Innovation through Change: Release Management with a Focus on NFRs and Emerging Technologies (*Currently under review in Cureus J*)
- Ibotombi, Sarangthem Kumar, Smriti. (2016). A Trust Model based on Markov Model Driven Gaussian Process Prediction. *International Journal of Computer Applications*. 146. 1-9. 10.5120/ijca2016910933.
- Sora, M., Roy, S., Singh, I. (2011). FLoMSqueezer: An effective approach for clustering categorical data stream. *International Journal of Computer Science Issues*, 8(6), 1.
- Suraj, Lourembam Sarangthem, Ibotombi. (2012). Causal Support as Trust and Reputation Mechanism. *International Journal of Engineering Research Technology (IJERT)*. 2.

Book Chapters:

- Bhoot, R., Singh, S.I. (2024). Analysis and Prediction of Students' Performance Using Machine Learning. In: Khanra Jha, S., Shenoy, M.V., Bhattacharyya, T., Seshaiyer, P. (eds) *Perspective and Strategies on Newage Education and Creative Learning. ICON BITS 2023*
- Satapathy, B.S., Satapathy, S.S., Singh, S.I., Chakraborty, J. (2023). Continuous Integration and Continuous Deployment (CI/CD) Pipeline for the SaaS Documentation Delivery. *Lecture Notes in Electrical Engineering, vol 1080. Springer, Singapore*

Recent Conference Papers:

- Sarma, P., Singh, S. I. (2024, March). Handcrafted Feature Assisted Light-Weight Encoder Decoder Based Classifier for Yoga Posture Recognition. In 2024 2nd International Conference on Device Intelligence, Computing and Communication Technologies (DICCT) (pp. 681-686). IEEE.
- Singh, S. I., Sinha, S. K. (2010, October). A new trust model using Hidden Markov Model based mixture of experts. In 2010 International Conference on Computer Information Systems and Industrial Management Applications (CISIM) (pp. 502-507). IEEE.

Conference & Workshop Organised

Program Committee Member: Served as Program Committee member for 11 national workshops and conferences spanning 2001-2013, covering diverse areas including Network Security (NWNS 2010, 2013), Machine Intelligence (NCTMI 2011), Malware Threats and Defense (NWMTD 2011), Algorithm Design and Analysis (NWDA 2010), Advanced Computing (2006, 2007), Wireless Networks and Mobile Computing (2004), and Data Mining and Intelligent Systems (2001). Collaborated with prestigious institutions including ISI Kolkata, UGC, CSIR, DIT, and AICTE, demonstrating extensive leadership in organizing cutting-edge research events across computer science domains.

Research Interests: Trust Models, Data Mining, Data Science, Bio-medical Engineering & Health Informatics