

- [52] P. K. Singh and C. Aswani Kumar, "A note on constructing fuzzy homomorphism map for a given fuzzy formal context," in *Proceedings of the 3rd International Conference on Soft Computing for Problem Solving*, 2013, pp. 845-855.
- [53] C. Aswani Kumar and P. K. Singh, "Knowledge representation using formal concept analysis: a study on concept generation," in *Global Trends in Intelligent Computing Research and Development*, Hershey, PA: IGI Global Publishers, 2014, pp. 306-336.
- [54] C. Aswani Kumar, M. Radvansky, and J. Annapurna, "Analysis of a vector space model, latent semantic indexing and formal concept analysis for information retrieval," *Cybernetics and Information Technologies*, vol. 12, no. 1, pp. 34-48, 2012.



Prem Kumar Singh

He is a Research Scholar at the School of Information Technology and Engineering, VIT University, Vellore, India. He holds a master's degree in computer application from CSJM University, Kanpur as well as a bachelor's degree in computer science from University of Allahabad, India. His research interests include data mining, formal concept analysis and fuzzy logic. Prem Kumar has published 6 refereed research papers so far in various international conferences and journal including one book chapter.



Ch. Aswani Kumar <http://orcid.org/0000-0001-8455-9108>

He is Professor of Network and Information Security Division, School of Information Technology and Engineering, VIT University, Vellore, India. Ch. Aswani Kumar holds a Ph.D. degree in Computer Science from VIT University, India. His current research interests are Data Mining, Formal Concept Analysis, Information Security, and Machine Intelligence. Aswani Kumar has published 70 refereed research papers so far in various national, international journals and conferences. Aswani Kumar was principal investigator to a major research project sponsored by the Department of Science and Technology, Govt. of India, during 2006–2008 and a major research project funded by National Board of Higher Mathematics, Dept of Atomic Energy, Govt. of India during 2011-13. Aswani Kumar is a senior member of ACM and is associated with other professional bodies including ISC, CSI, ISTE.