



Centre for Research & Development

Research Supervisor (Guide) Profiles

Discipline of Supervision: **Computer Science/ Data Science**



Dr. Prakash M

Assistant Professor
Department of Computer Applications
School of Computational and Physical Sciences

Areas of Specialisation:

Image Processing, Data Mining, Big Data Analytics, Computer Networks, Machine Learning

Dr. Prakash M is an Assistant Professor in the Department of Computer Applications at Kristu Jayanti (Deemed to be University), Bengaluru, with over seven years of academic and research experience. He holds a Ph.D. in Computer Science and has published 11 research articles in Scopus indexed, Web of Science and peer-reviewed journals. His research interests encompass Digital Image Processing, Data Mining, Big Data Analytics, Internet of Things (IoT), Cloud Computing, Artificial Intelligence and Machine Learning. His research contributions focus on developing intelligent and secure computational solutions using deep learning, optimization techniques, image processing and emerging technologies. He has served as a reviewer and editorial board member for international journals and conferences and has presented research at national and international conferences. He has also authored a 3 academic books on Database Management System, Cloud Computing Infrastructure and Research Methodology and served as a resource person, NPTEL-SWAYAM SPOC, question paper setter and external examiner.

Selected Publications:

1. Kumar, S. S., **Prakash, M.**, & Jerald, M. P. A. (2024). A Hybrid Framework for Improved Weighted Quantum Particle Swarm Optimization and Fast Mask Recurrent CNN to Enhance Phishing-URL Prediction Performance. International Journal of Computational Intelligence Systems, 17(1). <https://doi.org/10.1007/s44196-024-00663-w>
2. Senthil Kumar, S., Arockia Panimalar, S., Krishnakumar, A., & **Prakash, M.** (2022). Investigation of Cybersecurity Attacks and Threats on Cloud Using Black Widow Algorithm with Recurrent Neural Network. SN Computer Science, 3(6). <https://doi.org/10.1007/s42979-022-01304-9>
3. **Muthusamy, P.**, S, S. K., K, K., & B P, S. V. (2024). A Hybrid Improved Unequal Secure Cluster Based Distributed Routing Protocol with Quantum Key Distribution to Improve the Performance Measures in Wireless Body Sensor Network. International Journal of Computer Networks and Applications, 11(4), 407–427. <https://doi.org/10.22247/ijcna/2024/26>