



Dr. Jasaswi Prasad Mohanty, Ph.D.

Name : Jasaswi Prasad Mohanty

Designation : Associate Professor

Department : Department of Computer Science and Engineering
(JOINED THE INSTITUTE IN 2008)

Contact : +918260333609-247 (O), +919437564198 (M)

Email : jasaswi@silicon.ac.in, jasaswiprasad@gmail.com

RESEARCH INTERESTS

- ✓ Algorithms
- ✓ Distributed Systems
- ✓ Wireless Network
- ✓ Natural Language Processing

Academic Qualifications

- ✓ Ph. D. (CSE), IIT Kharagpur, India (Year of Passing: 2020)
- ✓ M. Tech (CSE) Utkal University, Bhubaneswar, India (Year of Passing: 2006)

Teaching Experience/Industrial Experience/Research Experience

- ✓ Total Teaching Experience: 14 years.

PUBLICATIONS

JOURNALS & CONFERENCES

- [1]. Debolina Mahapatra, Chandan Maharana, Soumya P. Panda, **Jasaswi Prasad Mohanty**, Abu Talib, Amit Mangaraj, "A Fuzzy-Cluster based Semantic Information Retrieval System", Proceedings of the Fourth International Conference on Computing Methodologies and Communication (ICCMC 2020), Erode, Tamil Nadu, India, pp 678-681, Mar 11-13, 2020.
- [2]. **Jasaswi Prasad Mohanty**, Chittaranjan Mandal, Chris Reade, "Distributed construction of minimum Connected Dominating Set in wireless sensor network using two-hop information", Computer Networks (Elsevier), vol. 123, pp. 137-152, 2017.
- [3]. **Jasaswi Prasad Mohanty**, Chittaranjan Mandal, Chris Reade, Ariyam Das "Construction of minimum connected dominating set in wireless sensor

networks using pseudo dominating set", Ad Hoc Networks(Elsevier), vol. 42, pp. 61–73, 2016.

- [4]. **Jasaswi Prasad Mohanty**, Chittaranjan Mandal, Chris Reade, "A Distributed Greedy Algorithm for Construction of Minimum Connected Dominating Set in Wireless Sensor Network", Proceedings of Applications and Innovations in Mobile Computing (AIMoC 2014), Calcutta, India, pp. 104–110, Feb 27-Mar 01, 2014.
- [5]. S. Sahoo, **Jasaswi Prasad Mohanty**, Ch. Sanjeev Kumar Dash, "A Deterministic Expert Based Classifier", Proceedings of National Conference on Current Trends in Information Technology (CTIT-09), Dhenkanal, Orissa, India, pp. 01–07, Feb 13-14, 2009.

ANY OTHER

Book Chapter Conferences attended

- [1]. **Jasaswi Prasad Mohanty**, Chittaranjan Mandal, "Connected Dominating Set in Wireless Sensor Network", Handbook of Research on Advanced Wireless Sensor Network Applications, Protocols, and Architectures, IGI Global, pp. 62–83, 2016.