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Areas of Specialization: Artificial Intelligence, Machine Learning, Semantic Web

## **PUBLICATIONS**

### **International Journals:**

1. S.N.Sivanandam, P.Visalakshi, A.Bhuvaneswari, "Multiprocessor Scheduling Using Hybrid Particle Swarm Optimization", International Journal of Computer Science and Applications, Vol. 4, No. 3, 2007
2. S.N.Sivanandam, P.Visalakshi, A.Bhuvaneswari, "Multiprocessor Scheduling Using Particle Swarm Optimization" International Journal of the Computer, the Internet and Management, Vol. 17, No. 3, 2009
3. Bhuvaneswari, A. and Karpagam, G.R. "AI Planning-based Semantic Web Service Composition", Int. J. Innovative Computing and Applications, Vol.3, No.3, pp.126–135, 2011.
4. Bhuvaneswari, A. and Karpagam, G.R. "QoS Considerations for a Semantic Web Service Composition", European Journal of Scientific Research, Vol.65, No.3, pp. 403-415, 2011
5. Bhuvaneswari, A. and Karpagam, G.R. "Ontology-Based Emergency Management System In A Social Cloud", International Journal on Cloud Computing: Services and Architecture, Vol.1, No.3, pp.15–29, 2011
6. Bhuvaneswari, A., Karpagam, G.R., Chitra, S. and Sattanathan, R. "A Mathematical Model for the Fusion of Graph Theory and Web Service Composition", Int. J. of Computer Applications, Vol. 4, No. 2, pp.219-234, 2012.
7. Bhuvaneswari, A. and Karpagam, G.R. "Discovering Substitutable and Composable Semantic Web Services for Web Service Composition", Int. J. of Computer Applications, Vol. 48, No. 8, pp. 1-8, 2012
8. M. Vishnu Vigneshwar, S. Sakthitharan, Dr. A. Bhuvaneswari, "Maneuvering an Wheeled Robot using Inertial Sensors in Smartphone for achieving Intelligence and Automation," Int. J. of Technology Enhancements and Emerging Engineering Research, Vol. 3, No.3, pp. 43-47, 2015
9. Dr. A. Bhuvaneswari, M. Pradeepa, "Adaptive Encryption Technique for Security and Data Confidentiality Solutions in Cloud Database Services", International Journal of Advanced Research in Engineering and Applied Sciences, Vol. 4, No. 3, pp. 45-61, March 2015
10. Dr. A. Bhuvaneswari, M. Pradeepa, "Security and Data Confidentiality Solutions for Cloud Database Services", International Journal of Applied Engineering Research, Vol. 10, No. 10, pp. 27005-27014 (2015)
11. Dr. A. Bhuvaneswari, S. Sakthitharan, M. Vishnu Vigneshwar, "Intelligent Navigation and Discovery of Path in critical place using Autonomous Robots", International Journal of Applied Engineering Research, Vol. 10, No. 12, pp. 30185-30194 (2015)

12. Bhuvaneswari, A., and M. Pradeepa, "Security and Data Confidentiality Solutions for Cloud Database Services", International Journal of Applied Engineering Research, Vol. 10, No. 10, pp. 27005-27014 (2015)
13. Bhuvaneshwari, A. and Ponnumani Gurusamy, "Context Based Captcha on Handset Devices", CIIT International Journal of Fuzzy Systems, Vol. 8, No. 6 (2016)
14. Bhuvaneswar.i A, G.R. Karpagam, "Semantic Web Service Discovery For Mobile Web Services", International Journal of Business Intelligence and Data Mining (in press) DOI: 10.1504/IJBIDM.2017.10003120

#### **International Conferences:**

1. Bhuvaneswari, A. and Karpagam, G.R. "Re-engineering Semantic Web Service Composition in a Mobile Environment", Proceedings of the International Conference: ITC 2010 On Recent Trends in Information, Telecommunication and Computing, Kerala, India, Mar 12-13, pp. 227-230, 2010.
2. Bhuvaneswari, A. and Karpagam, G.R. "Applying Fluent Calculus for Automated and Dynamic Semantic Web Service Composition", Proceedings of the International Conference: ISWSA 2010 On Intelligent Semantic Web-Services and Applications, Amman, Jordan, June 14-16, pp 124 – 131, 2010.
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4. Bhuvaneswari, A. and Karpagam, G.R. "An Optimized Service Selection for Service Composition", Proceedings of the International Conference: ICAC 2011 On Advances in Computing, PSG College of Technology, Coimbatore, India, Dec 9-11, pp.153-162, 2011
5. Bhuvaneswari, A. and Shriram Krishnan, "Pattern Recognition to Categorize Freshwater Algae in Urban Eco-System: A Machine Learning Based Approach", MUSIC 2013, International Conference on Mobile, Ubiquitous, and Intelligent Computing, Sep 4-6, 2013.
6. Th.Theepigaa and Dr. Bhuvaneswari, A, "Efficient and Controlled Sharing of privacy data in Social Networks", IEEE International Conference on Information Communication and Embedded Systems, Feb 27-28, 2014.
7. Dr.A. Bhuvaneswari and Ms. R.Dhanalakshmi, "QoS Aware Web Service Composition", Intl. Conf. on Advanced Computing, Control Systems, Machines and Embedded Technology", Mar 7-8, 2014.
8. Dr. A. Bhuvaneswari, Mr.S.Sakthitharan, Mr.S. Vishnu Vigneshwar, "Intelligent Maneuvering an Autonomous Rover using Inertial Sensors in Smartphone", Intl. Conf. on Recent Innovations in Engineering and Technology", Feb 13-14, 2015
9. Dr. A. Bhuvaneswari, Ms. M. Pradeepa, "Adaptive Encryption Techniques in Cloud Database Services", Intl. Conf. on Recent Innovations in Engineering and Technology", Feb 13-14, 2015

#### **National Conferences:**

1. Bhuvaneswari, A. and Nagajothi. S, "Iris Recognition Scanner for the Template based Matching", National Conference on Computing Intelligence of Information Technology, April 10, 2013.
2. Th.Theepigaa and Dr.Bhuvaneswari.A, "Relationship based Access Control for Sharing Privacy Data in Social Networks", Second National Conference on Advances in Computing and Technology, Feb 21st , 2014.

