DOCTORAL COMMITTEE MEMBER PUBLICATIONS

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Area of Specialization: Data Mining, Machine Learning, Software engineering, Object Oriented Systems, Information Security, Web Services

Journals/ Conferences

International Journal

1. **J.I. Sheeba** and K. Vivekanandan, "Extracting Keywords From Budget Transcripts Using Fuzzy Logic", **Inderscience**- International Journal of Data Mining, Modeling and Management, Vol 8,No1,pp.62-74, ISSN (Print) : 1759-1163, ISSN (Online) : 1759-1171,April 2016.

2. Thenmozhi, M., and K. Vivekanandan. "An Optimized Approach for Data Warehouse Schema Partitioning Technique." International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 4 Issue 8, ISSN: 2278 – 1323, pp. 3378-3387, August 2015

3. J.I.Sheeba and K. Vivekanandan, "A Fuzzy Logic based on Sentiment Classification", International Journal of Data Mining and Knowledge Management Process, Vol.4, No.4, ISSN (Online): 2230 – 9608, ISSN (Print):2231-007X, pp.27-44, July 2014.

4. J.I. Sheeba and K. Vivekanandan, "A Fuzzy Logic based Improved Keyword Extraction from Meeting Transcripts", International Journal on Computer Science and Engineering, Vol. 6, Issue.8, ISSN (Online): 0975-3397, ISSN (Print):2229-5631, pp. 287-299, August 2014.

5. J.I.Sheeba and K.Vivekanandan, "Analysis Of Different Similarity Functions with Fuzzy C-Means Clustering Approach Using Meeting Transcripts", CiiT International

Journal of Data Mining and Knowledge Engineering, Vol. 6, No7, ISSN(Online): 0974 – 9578,ISSN(Print):0974-9683, pp.311-315, October 2014.

6. J.I. Sheeba and K. Vivekanandan, "Detection of online social cruelty attack from forums", International Journal of Data Mining and Emerging Technologies, Vol 4.No.2, ISSN (Online):2249-3320, ISSN (Print):2249-3212, pp.61-71, November 2014.

7. THENMOZHI, M., and K. VIVEKANANDAN. "A Combined Algorithm for Data Warehouse Fragmentation Selection. " International Journal of Engineering Science and Technology, Vol. 6 No.5, pp. 240-253, ISSN : 0975-5462, May 2014.

8. M. Thenmozhi and K. Vivekanandan, "An Ontological Approach to Handle Multidimensional Schema Evolution for Data Warehouse", International Journal of Database Management Systems (IJDMS), Vol.6, No.3, pp. 33-52, June 2014, DOI: 10.5121/ijdms. 2014.6303.

9. M. Thenmozhi, K. Vivekanandan. " A Mixed Fragmentation Approach for Solving Big Dimension Problem in Data Warehouse ",International Journal of Engineering Research & Technology (IJERT), Vol. 3 - Issue 6, ISSN: 2278-0181, pp. 1984-1900, June - 2014.

10. M. Thenmozhi and K. Vivekanandan," Data Warehouse Schema Evolution and Adaptation Framework Using Ontology" International Journal on Computer Science and Engineering (IJCSE), Vol. 6 No.07, ISSN: 2278-0181, pp. 232-246, Jul 2014.

11. R.Lakshmi, K.Vivekanandhan, " Performance Analysis of new Crossover Technique on Permutated Genetic Algorithm", International Journal of Scientific & Engineering Research, vol. 5, issue 1: ISSN 2229-5518, Jan (2014).

12. R. Lakshmi, K. Vivekanandan, "A Novel Methodology for Genetic Algorithms in Crossover Operation: Segment Replacement Operator", International Journal of Innovative Research & Development" ISSN 2278 – 0211 Volume 2, issue 14: ISSN 2278 – 0211, Jan 2014.

13. R. Lakshmi, K. Vivekanandan, "A Novel Hybrid Crossover for Genetic Algorithms", International Journal of Engineering Research, Volume 3, issue 6, ISSN:2321-7758, Jan (2014).

14. R. Lakshmi, K. Vivekanandan, S.Amilan, "New Linkage Learning Technique in Genetic Algorithm for Stock Selection Problem", International Journal of Science And Technology, ISSN: 2221-8386, Volume 3, Issue 2, Jan 2014

International Conference

1. K.Vivekanandan,T.Megala,P.Chandini,"Äutomatic Generation of Basis test Path",5th IEEE international conference on Information ,Communication and Embedded systems",feburary 2016,ISBN:978-1-5090-2552-7

2. M. Thenmozhi and K. Vivekanandan," A Combined Heuristic Approach for Horizontal Partitioning of Data Warehouse" **IEEE** International Conference on Advances in Engineering and Technology 2014. (Accepted)

3. Thenmozhi, M., and K. Vivekanandan. "A comparative analysis of fragmentation selection algorithms for data warehouse partitioning." In Advances in Engineering and Technology Research (ICAETR), 2014 International Conference on, pp. 1-5. IEEE, 2014.

4. R.Lakshmi, K.Vivekanandhan, " Performance Analysis of a novel Crossover Technique on Permutation Encoded Genetic Algorithms", IEEE International Conference on Advance Engineering Technology (ICAET 2014, EGS Pillai Engineering College, Nagapattinam)

5. R.Lakshmi, K.Vivekanandhan, "Performance Evaluation of a new Crossover on Permutated Genetic Algorithm" International Conference on Recent Trends in Engineering and Technology (ICRTET 2014, Mount Zion College of Engineering and Technology, Pudukottai.

6. R. Lakshmi, Dr. K. Vivekanandan, "An Analysis Of Recombination Operator in Genetic Algorithms", IEEE International Conference on Advance Computing (ICoAC 2013, MIT, Chennai, India (**Awarded Best Paper**).

7. M. Kannan and K. Vivekanandan, "Attrition Factor Analysis – With special reference to IT Professionals in Chennai", Presented in ICICES-2013 and Published in **IEEE Xplore,** ISBN: 978-1-4673-5786-9, Digital Object Identifier: 10.1109/ICICES.2013.6508209 , February 2013, pp.517-523.

8. N.Sivakuamar and K.Vivekanandan, "Testing an Agent Based E-Novel System-Role Based Approach", Springer series, Advances in Intelligent System and

Computing Volume 182, 2013, DOI: 10.1007/978-3642-32 063-7. (Proceeding s of the International Symposium on Intelligent Informatics, Chennai, India August 4-5, 2012) --10

9. **J.I.Sheeba** and K.Vivekanandan, "Low Frequency Keyword Extraction with Sentiment Classification and Cyberbully Detection Using Fuzzy Logic Technique", In Proceedings of the **IEEE** International Conference on Computational Intelligence and Computing Research", pp.33-37, December 26-28,India, 2013.

10. Thenmozhi M, Vivekanandan K and Gayathree G, "A-Semi Automatic Approach to Handle Data Warehouse Schema Evolution using Ontology" Proceedings of Fourth International Joint Conference – AET 2013, NCR, India (**Elsevier**) pp. 55-65, December 2013.

11. M. Thenmozhi, K. Vivekanandan, "A Semi-automatic Approach to Update Mapping for Ontology Evolution", Proceedings of Second International Conference on Computational Intelligence and Information Technology, CIIT 2012, **LNICST**, ISSN: 1867-8211, pp. 131–136, December 2012.

12. **J. I. Sheeba**, K. Vivekanandan**,** G. Sabitha and P. Padmavathi, "Unsupervised Hidden Topic Framework for Extracting Keywords (Synonym, Homonym, Hyponymy & Polysemy) and Topics in Meeting Transcripts", In Proceedings of the **Springer** 2nd International Conference on Advances in computing and information Technology (ACITY-2012), pp.299-307, July 13-15, India, 2012.

13. **J. I. Sheeba** and K. Vivekanandan, "Low Frequency Keyword and Keyphrase Extraction from Meeting Transcripts with Sentiment Classification using Unsupervised Framework"**,** In Proceedings of the **ACM** 2nd International Conference on Computational Science, Engineering and Information Technology(CCSEIT-2012), pp.212-216,October 26-28, India, 2012.

National Conference

1. M. Thenmozhi, K. Balachandar and K. Vivekanandan, "An Ontology Mapping Maintenance Approach using the Change History Log in Ontology Based Data Integration", Proceedings of AICTE sponsored first National conference on Green Technology concepts for bridging the digital device using ICT, pp. 400-404, July 2013.

2. M. Thenmozhi, Dr. K. Vivekanandan,"A Framework to Derive Multidimensional Schema for Data Warehouse Using Ontology", Proceedings of National Conference on Internet and WebSevice Computing, NCIWSC, pp. 17-22, August -2012.

3. Lakshmi, K. Vivekanandan, "Gene Silencing in Linkage Learning GA", National Conference on Future Computing (NCFC 2012), Pondicherry University, India. ---

4. G.Zayaraz, P.Thambiduarai, K.Vivekanandan and Kumar," A Pattern Selection Framework for achieving Software Quality", Proceedings of National Conference Product Development for Mechatroniccs System for global Quality, PMGQ 2005, May2-3,pp 221-235, Maduari