NAME : DR. K. VIVEKANANDAN

DESIGNATION: PROFESSOR

DEPARTMENT : DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NAME OF THE INSTITUTION: PONDICHERRY ENGINEERING COLLEGE, PONDICHERRY

LIST OF PUBLICATIONS:

1. 1 S.V.Vimala, K.Vivekanandan, "A Novel Biclustering with Mean absolute difference Similarity Measure for Collaborative Filtering Recommender system", International Journal of Pure and Applied Mathematics, 2018, Volume 118, No.20, pp .1-7, Issn:1314-3395

- Megala.T and K.Vivekanadan, "Multi-Objective Test Case Prioritization Using Improved Pareto -Optimal Clonal Selection Algorithm", 3D Research, (ESCI , springer), volume 3,2018; ISBN: 2092-6731
- Ahilandeswari Thangarajan, Vivekanandan Kalimuthu, "CBIR with Partial Input of Unshaped Images Using Compressed-Pixel Matching Algorithm", International Journal of Engineering & Technology, 7 (3.27) (2018) 206-208
- 4. Udaya D, and Vivekanandan K, "Software Architectural Quality Assessment Model for Security Analysis using Fuzzy Analytical Hierarchy Process (FAHP) Method", 3D Research, Springer.vol.3,issue 7, ISBN: 2092-6731,2018
- 5. Megala.T and K.Vivekanadan, "Cost Cognizant History Based Prioritization of Test Case for Regression Testing Using Immune Algorithm", *International Journal of Intelligent Engineering and Systems, Vol.11, No.1, 2018*, pp.221-228(scopus Indexed) ISBN: 2185310X,021853118
- 6. Megala.T and K.Vivekanadan, "History Based Multi Objective Test Suite Prioritization in Regression Testin Using Genetic Algorithm", International Journal on Future Revolution in Computer Science & Communication ISSN: 2454-4248, Volume: 3 Issue: 11.pp.129-135, 2017
- 7. T.Ahilandeswari, K. Vivekanandan, "Analysis of the noisy unshaped partial input image in a face recognition system", International Journal of Pure and Applied Mathematics, Volume 119 No. 14 2018, 267-277 ISSN: 1314-3395 (on-line version) 2018
- 8. T.Ahilandeswari1, K. Vivekanandan, "Face Recognition by Partial Input of Unshaped Images using Condense –SURF Feature Extraction Algoirhtm," International Journal of Pure and Applied Mathematics, Volume 118 No. 20, 2018, 3561-3571 ISSN: 1314-3395 (on-line version) 2018
- Udaya Dayanandan, and Vivekanandan Kalimuthu, "A Fuzzy Analytical Hierarchy Process (FAHP)
 Based Software Quality Assessment Model: Maintainability Analysis", International Journal of
 Intelligent Engineering & Systems, Scopus.(Accepted) 2018, Vol.11,No.4, pp.88-96,2018 ISBN:
 2185310X,021853118

- 10. D.Udaya, and K. Vivekanandan, "A Quantitative Approach to Evaluate Software Architecture Security and Filling missing values using Genetic Algorithm", *International Journal of Emerging Technology and Advanced Engineering, Volume 7, Issue 9, September 2017*, 2250–2459
- 11. Vimala V and Vivekanandan K, "Hybrid Collaborative Movie Recommender System Using Clustering and Bat Optimization", International Journal of Intelligent Engineering and Systems", Vol. 10, No. 5, 2017 pp 38-47, ISBN: 2185310X,021853118
- 12. A.Murugan, K.Vivekanandan ,R.Parthasarathy, "A Security Framework To Prevent Xml Attacks And Provide DoS In Service Oriented Architecture (SOA)", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 8 (2015)
- 13. A. Murugan, K. Vivekanandan, "XSD DDoS Trace Handler in Web Service Environment", *Journal of Software*, 10(9),2015
- 14. A. Murugan, K. Vivekanandan, "Charting Captcha Page Redirected XML Validation Handler Mechanism in Service Computing Architectures", International journal of Control theory and its application, 9(26),2016
- 15. A.Murugan, ,P.Sigamaninathan, ,K.Vivekanandan, "Extended XML file Security using Enhanced Digital, International Conference on Signature and Encryption", International conference on Science Technology, Engineering and management, April 5-7, 2017 journal under process (elixir -scopus indexed)
- 16. S. Ganesh Kumar, K.Vivekanandan, "ODMM Fqulaity assessment model 2015, E-ISSN 1817-3195 / ISSN 1992-8645 (Scopus)
- 17. S. Ganesh Kumar, K. Vivekanandan, "Intelligent Model View Controller Based Semantic Web service Call Through Mishmash Text Featuring Technique", Journal of Computational and Theoretical Nanoscience (Accepted, Web of Science, SCI, Scopus)
- S. Ganesh Kumar , K.Vivekanandan "Self Directed Web Service Composition: A Platform in International Journal of Control Theory and Applications", Vol 9,2016,issue no 37(2016) page 889-896
- 19. Balika J. Chelliah, K. Vivekanandan, "Aggregated Quantified Response Time Matrix Formulation (ARMF) A New Quality of Service Paradigm Technique", in Journal for software JSW 2015 Vol.10 (9): 1070-1078, ISSN: 1796-217X, Volume 10, Number 9, September 2015
- 20. Balika J. Chelliah, K. Vivekanandan," Custom Security in Web Services", Indian Journal of Science and Technology, Vol 9(29), DOI: 10.17485/ijst/2016/v9i29/91685, ISSN (Print): 0974-6846 ISSN (Online): 0974-5645 August 2016
- 21. Balika J. Chelliah, K. Vivekanandan, "Skyline Based Quality Service Selection Through Aggregated Response Matrix Formulator", International journal of control theory and applications, Volume

- : No.9 (2016) Issue No. :24 (2016) Pages : 39-48
- 22. Balika J. Chelliah, K. Vivekanandan, "An Effective Approach for Web Services Recommendation Using Adaptive Weighting Algorithm with Temporal Features", Middle-East Journal of Scientific Research 24 (S2): 243-247, 2016 ISSN 1990-9233 © IDOSI Publications, 2016 DOI: 10.5829/idosi.mejsr.2016.24.S2.158
- 23. B.Muruganantham, K.Vivekanandan, "Combinatorial Judgement Loom Through Utilization Factor (U_f) In SOA Trustworthiness Model", International Journal of Control Theory and its Applications, 9(25), 2016, pp. 279-293
- 24. B. Muruganantham, K.Vivekanandan, "A Fault Tolerant and Reliability Mechanism For Web Services By Change Management And Broker", Journal of Theoretical and Applied Information Technology" 15 July 2016. Volume.89. Number.1 Pages 36-44
- 25. B. Muruganantham, K.Vivekanandan, "Automatic Security Policy Composition for Composite Web Services", Australian Journal of Basic and Applied Sciences, 9(23) July 2015, Pages: 370-375
- 26. B. Muruganantham, K.Vivekanandan, "Multi Perceptional Optimality Matrix Based Web Service Reliability Model", Journal of Software, July 18 2015, jsw.10.9.1045-1055
- 27. J.I. Sheeba and K. Vivekanandan, "Extracting Keywords From Budget Transcripts Using Fuzzy Logic", *Inderscience- International Journal of Data Mining, Modelling and Management,* Vol 8,No1,pp.62-74, ISSN (Print): 1759-1163, ISSN (Online): 1759-1171, 2016
- 28. Thenmozhi, M., and K. Vivekananda, "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.