Dr.D. Surendran

Professor

Department of Computer Science and Engineering KPR Institute of Engineering and Technology, Coimbatore. surendran.d@kpriet.ac.in

Publications

- 1. D. Surendran, T. Purusothaman, R. A. Balachandar, "A Generic Interface for Resource Aggregation in Grid of Grids" in the International Journal of information Technology, Communications, and Convergence (IJITCC), 2011 Vol. 1, No.2 pp. 159 –172, InderScience Publishers. (DOI:10.1504/IJITCC.2011.039283).
- 2. D. Surendran, T. Purusothaman, R. A. Balachandar, "Performance Analysis of a Resource Aggregator in a Grid of Grids Environment", International Journal of Computer Systems Science and Engineering Volume 26 No.4, July 2011.
- 3. R. A. Balachandar, Jong Hyuk Park, D. Surendran, G. Kousalya,"Ontology based Resource Usage Policy Matching in Computational Grid for Pervasive Computing Applications" in the Journal of Wireless Personal Communications (WPC), Springer, Volume 60, Number 3, pp.489–506, May 2011 (DOI 10.1007/s11277-011-0304-9).
- 4. D. Surendran, T. Purusothaman, R. A. Balachandar "ESGIA: Extensible Service Based Grid Information Aggregator" International Journal of Computer Systems Science and Engineering Volume 27 Number 4 July 2012.
- 5. Dinesh Kumar C., Surendran D,"Forgery Image Detection based nn Illumination Color Classification with Advanced Skin Color and Edges", International Journal of Scientific and Engineering Research, Volume 5, Issue 3, pp 7-11, March-2014.
- 6. Priya.E, Surendran D, "A Review on Various Classification Techniques", Journal of Applied Sciences Research Vol 11, Number23, pp 189-191, Dec 2015.
- 7. S. Kiruthika, D. Surendran, "SMART CAR PARKING USING ARDUNIO AND ANDROID APPLICATION" International Journal of Computer Science and Mobile Computing Vol. 5, Issue. 2, pg.230 234, February 2016.
- 8. A.Suresh Kumar, D.Surendran, S.Keerthana, Kiruthika, "INERTIAL MEASUREMENT SENSOR FOR ACCURATE DETECTION AND NOTIFICATION USING INTERNET OF THINGS", Pak. J. Biotechnol. Vol. 13 (special issue on Innovations in information Embedded and communication Systems) pp. 375- 378 (2016).
- 9. Saraswathi, S, Surendran, D & Rohini, S, 'Optimal Fit through Neural Network Based Clustering A Case Study on Thermal Power Plant ', International Journal of Advanced Research Trends in Engineering and Technology, vol 3, pp 111-118, March 2016, special issue 11.
- 10. Saraswathi, S & Surendran, D, 'Multiple Regression Analysis on Thermal Power Plant Components Leading to Estimation of Heat Absorption', Asian Journal of Information

- Technology, Volume 15, Issue 21, pp 4165-4173,2016.(DOI: 10.3923/ajit.2016.4165.4173).
- 11. D.Surendran, A.Sureshkumar, S.Aksshaya, S.Poornima "Rare Disease Detection and Alerting System to the Health Department", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 4, Special Issue 7,pp 4-8, March 2017.
- 12. D.Surendran A.Suresh Kumar S.Vanmathi S.Sowbharraniga, "Cloud Based Vehicle Pollution Detection And Monitoring System", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 4, Special Issue 7,pp 68-72, March 2017.
- 13. R.Subha D Surendran Semantic Dependency Based Clustering Of Prioritized RequirementsPerspectivas em Ciencia da Informação v.22, sp.3, p146., Nov. 2017.
- 14. Ms. Rohini M Dr.D.Surendran Improving Anomalous Detection Performance Using System calls by Dynamic Neural Network "JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS" 12-Special Issue 1094-1098, 2018.
- D. Mansoor Hussain D. Surendran Content based image retrieval using bees algorithm and simulated annealing approach in medical big data applications
 Multimedia Tools and Applications An International Journal 2018, DOI 10.1007/s11042-018-6708-8 1-16
- 16. D.Mansoor Hussain Dr. D. Surendran, A. Benazir Begum, Feature Extraction In JPEG Domain Along With SVM For Content Based Image Retrieval, International Journal Of Engineering & Technology, VOL 7 NO 2.19 (2018): SPECIAL ISSUE 19, 1 to 6. https://www.sciencepubco.com/index.php/ijet/article/view/11656
- 17. Dr.D.Surendran Dr.J.Janet, Dr.D.Prabha, Ms.E.Anisha A Study on devices for assisting Alzheimer patients Proceedings of the Second International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2018) proceeding pp.620 625,2018. DOI 10.1109/I-SMAC.2018.8653658.
- 18. V. Muneeswaran, D. Surendran Enhanced Security and Higher Data Embedding Capacity in Information Hiding International Journal of Pure and Applied Mathematics, Volume 119 No. 12 2018, 763 775 0.252 https://acadpubl.eu/hub/2018-119-12/articles/7/1637.pdf.
- 19. K.Senathipathi ,Jayasudha Subburaj, P.Chitra, Surendran D 2018 published OPEN SECURE SMART FRAMEWORK FOR MOBILE CLOUD COMPUTING International Journal of Pure and Applied Mathematics Volume 119 No. 12 2018, 797-805, https://acadpubl.eu/hub/2018-119-12/articles/7/1640.pdf
- Surendran D, Rohini M BLE Bluetooth Beacon Based Solution To Monitor Egress Of Alzheimer's Disease Sufferers From Indoors, Elsevier - Procedia Computer science, Vol:165C, 2019, 591-597.
 - https://www.sciencedirect.com/science/article/pii/S1877050920300612

- 21. Ms. Rohini M Dr.D.Surendran, Classification of neurodegenerative disease stages using ensemble machine learning classifiers, Elsevier Procedia Computer science, Vol:165C, 2019, 66-73.
 - https://www.sciencedirect.com/science/article/pii/S187705092030079X
- 22. SIVARANJANI B SURENDRAN DORAISWAMY Efficient virtual data center request embedding based on row-epitaxial and batched greedy algorithms TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, (2019) 27: 780 794, doi:10.3906/elk-1802-166, https://journals.tubitak.gov.tr/elektrik/accepted.htm;jsessionid=D8B2DC2A4D98FE09D0 8E86325C5630EC
- 23. D.Mansoor Hussain, D. Surendran The efficient fast-response content-based image retrieval using spark and MapReduce model framework , Journal of Ambient Intelligence and Humanized Computing, doi.org/10.1007/s12652-020-01775-9. https://link.springer.com/article/10.1007/s12652-020-01775-9
- 24. Arunkumar a, D.surendran, Data Fusion and Machine Learning in Medical Diagnosis: A Bird Eye View, Journal of Computational and Theoretical Nanoscience, Volume 16, Number 12, December 2019, pp. 5127-5133(7). https://www.ingentaconnect.com/contentone/asp/jctn/2019/00000016/00000012/art00036