

NAME: Dr. VELLANKANNI CYRIL RAJ

DESIGNATION: Professor

DEPARTMENT: Computer Science and Engineering

NAME OF THE ORGANIZATION/ INSTITUTION: Dr. M.G.R. Educational and Research
Institute University

PLACE: Chennai

PINCODE: 600032

MOBILE : 9444129023

E-MAIL: cyrilraj@drmdrdu.ac.in

AREA OF SPECIALIZATION: Data Mining

LIST OF PUBLICATION:

International Publication

1. An innovative hybrid mathematical hierarchical regression model for breast cancer diseases analysis, CLUSTER COMPUTING [INTERNATIONAL], Vol. -, no. -, pp.1-14 B. Monica Jenefer., V. Cyrilraj 2018
2. Location based security architecture evaluated using ATAM, INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE) [INTERNATIONAL], Vol. 7, no. 1.7, pp.87-90 Begum A., Cyril Raj V. 2018
3. A genetic algorithm based protein signal pathway analysis, INDIAN JOURNAL OF PUBLIC HEALTH RESEARCH AND DEVELOPMENT [NATIONAL], Vol. 9, no. 1, pp.402-406 Jeyabalan S., Cyril Raj V., Nallusamy S. 2018
4. An adaptive e-learning environment centred on learner"s emotional behaviour, ALGORITHMS, METHODOLOGY, MODELS AND APPLICATIONS IN EMERGING TECHNOLOGIES [NATIONAL], Vol. -, no. -, pp.--- A. Kanimozhi., V. Cyril Raj 2017
5. Spark framework: A review, INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS [INTERNATIONAL], Vol. 117, no. 20 Special Issue, pp.861-866 Ilam chezhian J., Cyril Raj V. 2017
6. A computational model of cognitive tutor using cognitive architecture-ACT-R for implementing an effective E-learning system, JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE [INTERNATIONAL], Vol. 14, no. 3, pp.1599-1608 Kanimozhi A., Cyrilraj V. 2017
7. Consistency features and fuzzy-based segmentation for shadow and reflection detection in digital image forgery, SCIENCE CHINA INFORMATION SCIENCES [INTERNATIONAL], Vol. 60, no. 8, pp.--- Cristin R., Cyril Raj V. 2017
8. A novel idea to improve pedestrian safety in Black Spots using a hybrid VANET of

vehicular and body sensors, PROCEEDINGS 2015 - IEEE INTERNATIONAL CONFERENCE ON INNOVATION, INFORMATION IN COMPUTING TECHNOLOGIES, ICICT 2015 [INTERNATIONAL], Vol. -, no. -, pp.--- Sam D., Evangelin E., Raj V.C. 2016

9. A novel technique for analysis of protein to protein interaction using efficient minimum spanning tree techniques, INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY [NATIONAL], Vol. 9, no. 41, pp.--- Jeyabalan S., Cyril Raj V. 2016
10. Exposing image manipulation with curved surface reflection, INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY [NATIONAL], Vol. 9, no. 38, pp.--- Cristin R., Cyril Raj V. 2016
11. Optimization of digitalized document verification using E-Governance service delivery platform (E-SDP), INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH [NATIONAL], Vol. 11, no. 4, pp.2535-2543 Raghunathan V.S., Cyril Raj V., Eswaran S., Ambika A., Sangeetha R.U. 2016
12. Design of malicious activity detection & prevention system for enterprise network, INTERNATIONAL JOURNAL OF CONTROL THEORY AND APPLICATIONS [NATIONAL], Vol. 9, no. 6, pp.2799-2808 Kavitha P., Tamilarasi S., Cyrilraj V. 2016
13. Performance evaluation of extended EXACT algorithm for analyzing breast cancer using fractal dimension, LECTURE NOTES IN ELECTRICAL ENGINEERING [INTERNATIONAL], Vol. 362, no. -, pp.1125-1138 Monica Jenefer B., Cyrilraj V. 2016
14. AN ADAPTIVE REUSABLE LEARNING OBJECT FOR ELearning USING COGNITIVE ARCHITECTURE, ADVANCED COMPUTING: INTERNATIONAL JOURNAL [NATIONAL], Vol. 7, no. 1, pp.19-28 A.Kanimozhi .,V.Cyrilraj. 2016
15. Accurate and stable feature selection powered by iterative backward selection and cumulative ranking score of features, INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY [NATIONAL], Vol. 8, no. 11, pp.--- Victo Sudha George G., Cyril Raj V. 2015
16. Improving road safety for pedestrians in black spots using a hybrid vanet of vehicular sensors and pedestrian body unit, ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES [INTERNATIONAL], Vol. 10, no. 10, pp.4639-4644. Sam D., Evangelin E., Cyril Raj V. 2015
17. A cognitive e-learning system using arousal valence emotional model, JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY [INTERNATIONAL], Vol. 78, no. 3, pp.431-440 Kanimozhi A., Cyril Raj V. 2015
18. Multi-class abnormal breast tissue segmentation using texture features and analyzing the growth factor using power law, BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA [NATIONAL], Vol. 12, no. 1, pp.653-660 Jenefer B.M., Cyrilraj V. 2015
19. Architectural analysis for improving security using LBS with ATAM, INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH [NATIONAL], Vol. 10, no. 8, pp.19967-19975 Begum A., Cyrilraj V. 2015
20. An accelerated feature subset selection using discriminative function allied with large margin distribution based ranking, INTERNATIONAL JOURNAL OF APPLIED

ENGINEERING RESEARCH [NATIONAL], Vol. 10, no. 3, pp.5537-5550 Victo Sudha George G., Cyril Raj V. 2015

21. Classification of breast tumor using fractal based fourier transform method, INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH [NATIONAL], Vol. 10, no. 1, pp.1151-1160 Jenefer B.M., Cyrilraj V. 2015
22. Construction by configuration (CbC) in e-Governance service delivery platform (eSDP), INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH [NATIONAL], Vol. 10, no. 21, pp.42055-42062 Raghunathan V.S., Cyrilraj V., Anu K.C., Anitha M., Divya S. 2015
23. An enhanced intelligent learning environment for elearner using cognitive architecture - ACT-R, INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY [NATIONAL], Vol. 7, no. 1, pp.177-185 Kanimozhi A., Cyril Raj V. 2015
24. Exposing Image Manipulation with Consistent Shadows Using Vanishing Points, INTERNATIONAL JOURNAL OF ADVANCEMENTS IN COMPUTING TECHNOLOGY [INTERNATIONAL], Vol. 7, no. 3, pp.79-89 R.Cristin.,V.Cyril Raj. 2015

Presentations in the National and International Conferences

1. Proceedings of International Conference on Knowledge based Computing Technologies (ICKCT'16)" A Novel Hybrid Iterative Backward Feature Selection Framework for Intrusion Detection System" R. Venkatarathinam¹ , Dr. V. Cyril Raj² , and Dr. G. Victo Sudha George³
2. An ontology-based framework for context-aware adaptive e-learning system,2013 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS, ICCCI 2013 [INTERNATIONAL], Vol. -, no. -, pp.--- Sudhana K.M., Raj V.C., Suresh R.M.

