

Dr.Mahalingam College of Engineering & Technology, Pollachi 642 003**(An Autonomous Institution)**

Department of Information Technology

Papers Published in International Conferences

- 1) Ramakrishnan S., Muthanantha Murugavel AS., and Saravanan.P, “Epileptic EEG Signal Classification using Multi-class Convolutional Neural Network’, Proceedings of International Conference on Vision Towards Emerging Trends in Communication and Networking -ViTECON 2019, Vellore Institute of Technology, Vellore, India, 30-31 March 2019.
- 2) Venkateshkumar U, Ramakrishnan S., “Detection of Spectrum Hole using Fuzzy Logic and Machine Learning Algorithm”, Proceedings of the International Symposium on Artificial Intelligence and Computer Vision, Anna University, Chennai, Page no.1,Sept. 26-28,2018
- 3) S.GokulPran, A.B.Arockia Christopher, R.Mohan Kumar, ShebinHaridas “Time series based frequent item set by PSO Algorithm”, 1st International conference on Recent Research in Engineering and Technology, Cheran College of Engineering, Karur during 15.03.2018 &16.03.2018.
- 4) G.Abirami, A.B.Arockia Christopher, “Review on Data Mining Application in Analyzing Students Performance”, International conference on Innovation in Signal Processing Communication and Information Systems (I2SCI’18), Karpagam College of Engineering, Coimbatore during 08.03.2018 &09.03.2018.
- 5) A.B.Arockia Christopher, M.Balakrishnan, A.P.Janani, “An Effective different data mining algorithms for Prediction of warning level in Aircraft Accident Dataset”, 1st International Conference on New Paradigm in Engineering Technology and Management, Institution of Electronics and Telecommunication Engineers, Pune, ISBN No: 978-93-86171-75-7, pp.no.79-88, 5th November 2017.
- 6) M.Balakrishnan, A.B.Arockia Christopher, “An Effective E-Learning Services using Different Web Service Component Interface”, 11th International Conference on Recent Trends in Science and Management, pp.no.55-65, ISBN.No.978-93-86171-72-6, Osmania University, Hyderabad, 22nd October,2017.

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- 8) C.ArunKumar, Sooraj M. P, S.Ramakrishnan, "A Comparative Performance Evaluation of Supervised Feature Selection Algorithms on Microarray Datasets", 7th International Conference on Advances in Computing & Communications, ICACC-2017, pp.no.209-217, 22-24 August 2017.
- 9) Arunkumar C., Ramakrishnan S., "Hybrid Information Gain Based Fuzzy Roughset Feature Selection in Cancer Microarray Data", Proceedings of IEEE International Conference on Innovations in Power and Advanced Computing Technologies, Vellore Institute of Technology, Vellore, India, 21-22 April,2017.
- 10) S.Thilagavathi, Venkatesh.D, "Design of compact Dual F-Slots UWB Monopole Antenna for Wireless Devices", Fourth International Conference on Signal Processing, Communications and Networking, MIT Campus, Anna University, 16th to 18th March 2017.
- 11) Mohamed Raseen and MohdRadaideh, "Algorithm Hopping Symmetric Cryptography", IASTEM International Conference, International Academy of Science and Technology, ISBN: 978-93-86083-34-0, pp.no.32-34, 1st & 2nd February 2017.
- 12) Mohamed Raseen, SameenaBanu, ArsathParvash and AafraimMariya, "Information Technology in Arabic Linguistic - Arabic read and write", IASTEM International Conference, International Academy of Science and Technology, ISBN: 978-93-86083-34-0, pp.no.28-31, 1st& 2nd February 2017.
- 13) C.Arunkumar, S.Ramakrishnan, "Hybrid Feature Selection using correlation coefficient and particle swarm optimization on microarray gene expression data", Proceedings of the 6th International Conference in Bio inspired computing and Applications, Advances in Intelligent Systems and Computing, Springer, Page No. 229-239, December 2015.
- 14) R.Menaha, VE.Jayanthi, "Improving Query Expansion of Acronyms in web search engine using Words Meaning", International Conference on Recent Trends in Engineering and

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 - 16) Arunkumar C., and Ramakrishnan S., “Analysis of Classification Techniques for Microarray Cancer Data Using Support Vector Machines”, Proceedings of International Conference Biosignals, Images and Instruments ICBSII-2013), SSN College of Engineering, Chennai, PP 55-64, 14-16 March 2013.
 - 17) Menaha R., “Semantic Similarity Measurement between Words using SWD and Snippets”, International Conference on Current trends in Advance Computing (ICCTAC) at KristuJayanthi College of Management and Technology, Bangalore pp.243-246, 15-16 February 2013.
 - 18) Devaraju S., and Ramakrishnan S., “Intrusion detection system using Neural network classifier in KDD Cup dataset”, International Conference on Cloud and Big Data Analysis ICCBDA 2013), at PSG college of Technology, Coimbatore, pp79-85, 8-9 February 2013.
 - 19) Devaraju S., and Ramakrishnan S., “Detection of Accuracy for Intrusion Detection System Using Neural Network Classifier”, Proceedings of International Conference on Information Systems and Computing (ICISC-2013), Sri Sai Ram Engineering College, Chennai, 4-5 January 2013.
 - 20) Sathiyamurthi P., and Ramakrishnan S., “Emotional Speech Recognition for Human – Robot Interaction”, First International Conference on Innovations in Computers, Information and Communications (ICICIC-2012), PSG College of Technology, Coimbatore, India. pp.308–311, January 5 to 7 2012.
 - 21) Muthanantha Murugavel A.S., and Ramakrishnan S., “Multi-Class SVM for EEG Signal Classification Using Wavelet Based Approximate Entropy”, Springer LNICST - Second International Conference on Computer Science and Information Technology (CCSIT-2012), Bangalore, India. ISSN: 1867-8211, ISBN: 978-3-642-27308-7, DOI: 10.1007/978-3-642-27308-7, pp.335-344, January 2 to 4 2012.

- 22) Gopalakrishnan T., Ramakrishnan S., Balasamy K., Muthananda Murugavel A.S., “Semi Fragile Watermarking Using Gaussian Mixture Model For Malicious Image Attacks”, IEEE 2011 World Congress on Information and Communication Technologies (WICT 2011), University of Mumbai, Mumbai, India. ISBN: 978-1-4673-0125-1, IEEE Catalog Number: CFP1168R-CDR. pp.120-125, 11-14 December 2011.
- 23) Muthananda Murugavel A.S., Ramakrishnan S., Balasamy K., Gopalakrishnan T., “Lyapunov Features based EEG Signal Classification By Multi-Class SVM”, IEEE 2011 World Congress on Information and Communication Technologies (WICT2011), University of Mumbai, Mumbai, India. ISBN: 978-1-4673-0125- 1, IEEE Catalog Number: CFP1168R-CDR. pp.197-201, 11-14 December 2011.
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- 25) Devaraju S., and Ramakrishnan S., “Performance Analysis of Intrusion Detection System Using Various Neural Network Classifiers”, IEEE International Conference on International Conference on Recent Trends in Information Technology (ICRTIT 2011), 10.1109/ICRTIT.2011.5972289 , Madras Institute of Technology, Anna University, Chennai, India. pp. 1033 – 1038, 3-5, June 2011.

Papers Published in International Conferences by Faculty Members along with Students

- 26) Revathi N, Rukmani M, S. Ponni @ Sathya, “Hierarchical Clustering based Medical Video Watermarking using DWT and SVD”, 2nd International Conference for “Phoenixes On Emerging Current Trends In Engineering And Management”, Panimalar Engineering College, Chennai, Page No. 282-288, March 22-23, 2019.
- 27) Selva bharathi S, Srikanth A V R, Dr. A. B. Arockia Christopher, “Prediction of Obesity and its cause using classification techniques: An Empirical Study”, 3rd International Conference on “Science, Technology, Engineering and Management”, Kalaignar karunanidhi Institute of Technology, Coimbatore, Page No. 36, March 22-23, 2019.

- 28) Abirami S, Jenifer Stella B, Vinitha Kamatchi S, Kavi Kamachi A, R.Menaha “Mobile Review Analysis using Sentimental Mining”, 3rd International Conference on “Science, Technology, Engineering and Management”, Kalaignar karunanidhi Institute of Technology, Coimbatore, Page No. 37, March 22-23, 2019.
- 29) Priya R, Nandhini K, Kousalya Nayagam M, Riswana Ayesha S, R.Menaha “Finding Experts in Community Question Answering System using Cluster Approach”, 3rd International Conference on “Science, Technology, Engineering and Management”, Kalaignar karunanidhi Institute of Technology, Coimbatore, March 22-23, 2019
- 30) Vignesh Y, Siva V, Pradeep N, Dr.M.Balakrishnan, “Epileptic Seizure Recognition using Artificial Neural Networks”, International Conference on “Emerging Technique in Engineering Technology and Management”, Rathinam Institute of Management, Coimbatore, March 22-23, 2019
- 31) Raj Dharshini N V, Rahi P Shah , Saliha Parveen S, P. Ramprakash, “Heart disease prediction using unsupervised machine learning methods”, 3rd International Conference on “Science, Technology, Engineering and Management”, Kalaignar karunanidhi Institute of Technology, Coimbatore, Page No. 37, March 22-23, 2019.
- 32) PriyaDarshini L, Saranya A G, Meenaloshini R, Dr. A. S. Muthanatha Murugavel, “Epilepsy Detection System Using Wireless Sensors”, 3rd International Conference on “Science, Technology, Engineering and Management”, Kalaignar karunanidhi Institute of Technology, Coimbatore, March 22-23, 2019
- 33) Subapiriyanga S, Arthi S ,Preetha S, Gnana Soundarya R, Dr.A.S. Muthanatha Murugavel, “On Seizure Detection with EEG wireless sensor using 1D LBP based feature”, International Conference on “Recent Advances in Computer, Electrical, Electronics, Civil and Mechanical Engineering”, Ranganathan Engineering College, Coimbatore, March 22-23, 2019 .
- 34) Kasiviswanath M, Rohinth N, Praveen T, Shankar B S, N.Praveen Sundra Kumar, “Efficient Methodology to Monitor the Power Generation from Solar Panel using IOT”, 5th International Conference on “Science Technology Engineering and Mathematics”, Jeppiaar Engineering College, Chennai, March 14-15, 2019.
- 35) Dhivya Priya P, Vidhya R, Thaiyal Nayaki S, Nivetha V, Dr. A. B. Arockia Christopher, “Child Mortality Prediction in South Asia using Classification Techniques” , 6th

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- 36) S Sairam, S Ramalingam, A Subakarhikeyan, S Afras Ali, S.Thilagavathi, “IoT Based Smart Energy Meter for Household Appliances”, Second International conference on “Advancements in Automation, Robotics and Sensing”, PSG College of Technology, Coimbatore, Page No.35, Dec 14 -15, 2018.
- 37) Sathiyamurthi P, Ramakrishnan S, Shobika S, Subashri N, Prakavi M,” Speech and Audio Cryptography System Using Chaotic Mapping and Modified Euler’s System”, Proceedings of IEEE 2nd International Conference on Inventive Communication and Computational Technologies (ICICCT 2018) – ISBN:978-1-5386- 1974-2, pp.no. 602-607, 20th &21st April 2018.
- 38) P.Sathiyamurthi, S.Ramakrishnan, T.Swathi, D.Janani, “Speech Encryption Using Chaotic Maps and Compression Using Chinese Remainder Theorem”, IEEE Proceedings of the 2nd International Conference on Electronics, Communication and aerospace Technology – ICECA 2018, RVS Technical Campus, Coimbatore, ISBN No. 978-1-5386-0965-1/18, Page No.2232-2237, March 29-31, 2018.
- 39) E.Dinesh, K.SathishKanna, S.ArsathParvash, L.Meenachi, “Optimizing the Search Result Using Hadoop”, 8th International Conference on “Engineering and Advancement in Technology 2018- ICEAT 2018”, Organized By Organization of Science and innovative Engineering and Technology, Chennai in Association With Sri Krishna College of Technology, Coimbatore, ISBN No.978-81-923607-3-7, Page No.37, March 22-23,2018.
- 40) B.Preethi, S.Oviya, S.Nithya, “Combined LBP for Pattern Recognition”, 8th International Conference on “Engineering and Advancement in Technology 2018- ICEAT 2018”, Organized By Organization of Science and innovative Engineering and Technology, Chennai in Association With Sri Krishna College of Technology, Coimbatore, ISBN No.978-81-923607-3-7, Page No.221, March 22-23,2018.
- 41) R.Monisha, V.R.Soniya, M.Balakrishnan, “Smart Monitoring System for Agriculture”, International Conference on Innovation in Signal Processing, Communication & Information Systems – I2SCI’18, ISBN No. 978-81-933187-0-6, Page No.90-94, March 8 & 9,2018.

- 42) M.R.AafrinMarliya, A.SivaSakthi, K.Janani, A.B.Arockia Christopher, “Comparative Analysis of Heart Disease Prediction”, International Conference on Innovation In Signal Processing, Communication & Information Systems – I2SCI’18, ISBN No. 978-81-933187-0-6, Page No.52-55, March 8 & 9, 2018.
- 43) K.B.Maheswari, J.Nandhinipriya, M.Shantha Lakshmi, R.Menaha, “Question Answering System for Voice Based Serach Using NLP Techniques and Web Snippets”, International Conference on Contemporary Topics in Electrical and Electronics Engineering – ICCTEEE’2018, Karpagam College of Engineering, Coimbatore, ISSN No. 2456-1983, Page No. 106-111, February 27 & 28, 2018.
- 44) Krishnaraj N NeyaMithra M Sinduja C S, Archana S,” Implementation of Modified Energy Aware Routing Protocols to Improve Lifetime of Wireless Networks”, 2nd International Conference on Recent Trends in Science, Engineering and Management (ICRTSEM – 2018), KarpagaVinayaga College of Engineering and Technology, Padalam.
- 45) Nithya S, P.Nivetha, A.Deepika, Fathima Hussain, “Local Tridirectional Tetra Pattern (TDTP) for Texture Classification” at the International Conference on Recent Developments in Electrical,Computer& Information Technology (ICRDECIT) held at Chennai, India on 25 February,2018.
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- 47) K.Kanagasabapathi, Kennedy K, Sabaribalan. R and Kirubakaran S, “Hot Link Protection with Dynamic Watermarking” International Conference on Innovations in information Embedded and Communication Systems (ICIIECS) - 2017, Karpagam college of engineering, pp.no.106-109, 18th March 2017.
- 48) L.Meenachi, JayanthRaghul J, Mohanraj C and Kathiravan B, “Diagnosis of medical dataset using Fuzzy-rough ordered weighted Average classification”, International Conference on Innovations in information Embedded and Communication Systems (ICIIECS) - 2017, Karpagam college of engineering, pp.no.493-497, 18th March 2017.

- 49) S.Ponni@Sathya, Ramakrishnan S., Dhinakaran S, SabariAshwanth P and Dhamodharan P, “CHAOTIC Map Based Video Watermarking Using DWT and SVD”, International Conference on Inventive Communication and Computational Technologies – ICICCT 2017, Ranganathan Engineering College, pp.no. 45-49, 10th March 2017.
- 50) Janani.D, Balaji.S, Vignesh.M, “Performance Based Healthy Diet Diabetes Recommendation Using Data Mining”, International conference on Advanced Information and Communication Technology (ICAIC-2017)”, Karpagam College of engineering, pp.no. 12-17, 24th & 25th February 2017.
- 51) R.Menaha, Sakthi M, Praba Devi B and Malathi M, “Classifying Opinions based on Features in Tourism”, International conference on Advanced Information and Communication Technology (ICAIC-2017), Karpagam college of engineering, pp.no. 12-17, 24th & 25th February 2017.
- 52) S.Sasidharan, Velmurugan K, Selvakumar K V and Santhosh S, “An online Greedy-Based Resource Scheduling for an concave pricing in cloud computing”, International conference on Advanced Information and Communication Technology (ICAIC-2017), Karpagam college of engineering, pp.no. 59-63, 24th & 25th February 2017.
- 53) S.Soundariya, Revathy P, Srija M and Karthika. K, “Android Application for Student Feedback Analysis Using Sentiment Analysis”, International Conference on advanced information and communication technology”, Karpagam college of engineering, ISSN NO. 2347-2820, pp.no.8-11, 24th & 25th February 2017.
- 54) J.Dhyaneswaran, Abishek Prasanna G K, Karthick R and Arunasaitabi S, “Image Classification and Recognition Using PCA”, International Conference On Advances In Informatics And Communication Technologies - ICAICT’17, Arjun College of Technology, pp.no.22-24, 24th February2017.
- 55) J.Ramprasath, Dineshravi X, AswinYegappan M, Balakrishnan.N and Kaarathi S, “Assigning Static IP Using DHCP in Accordance With MAC”, International Conference On Advances In Informatics And Communication Technologies - ICAICT’17, Arjun College of Technology, pp.no.25-27, 24th February2017.
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- 57) N.Premalatha, Shakilabanu M, Ruthasirija S and Jamuna V, “A two-phase top-down specialization approach for data Anonymization using map reduce on private cloud”, International Conference on Innovative Computing Technologies-ICICT’17 Proceedings, M.Kumarasamy College of Engineering, pp.no.8, 16th February 2017.
- 58) S.Nithya, Selvamani D, Rajeswari A and Nandhini K, “An efficient mechanism for retrieving images using local Binary count and circular shifting algorithm”, International conference on Developments in engineering research, International association of engineering & Technology for skill development, ISBN-13: 978-1543045444, pp.no.14 - 20, 12th February 2017.
- 59) R.Menaha, Nandhini K, Ishwarya M and Udhaya Surya A, “Question Answering system using web snippets”, International conference on I-SMAC”, SCAD Institute of Technology, ISBN: 978-1-5090-3242-6, pp.no.38, 10th & 11th February 2017.
- 60) J.Dhyaneswaran, R.Sivanesh, P.Gowtham, M.Suryaraj, P.Prakash, “Investigating QoS of RealWorldWebServices”, International Conference on Innovation in Science, Engineering and Technology, Greentech College Engineering for Women, Salem, 27th February 2016.
- 61) J.Ramprasath, S.SivaPrakash, C.Rajesh, P.Kathiravan, “Preventing Selective Jamming By All or Nothing Transformation”, International Conference on Innovation in Science, Engineering and Technology, Greentech College Engineering for Women, Salem, 27th February 2016.
- 62) M.Bhagath Singh, B.Karthikeyan, A.RaghuPrasath, K.S.RajeshKannanP.MohanaPriya, “Secure Mobile User Authentication Management System”, International Conference in “Synergistic Evolutions in Engineering”, ICSEE 2015, Surya Engineering College, Erode, 4 & 5th March 2015.
- 63) K.Balasamy ,G.Ishwarya , M.Mahalakshmi , “Watermarking Scheme for Image Content Authentication”, Proceedings of 11th IRF International Conference on Electrical, Electronics and Computer Engineering (ICEECE), ISBN: 978-93-84209-90-2, Institute of Research Forum (IRAJ), Bengaluru, India, Page No. 80-81, 15th February 2015.
- 64) P.Sathiyamurthi , P.Ramarohini , M.Priyadharshini , R.Vinitha , “Speech Synthesis from

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- 66) R.Menaha , M.Priya , S.Suganya ,R.Elakkiya, “An Efficient Approach for Improving Query Expansion Of Acronyms using Abbreviation”, International Conference on Recent Trends in Electronics and Electrical Engineering Networking & Nano Technology (ICE2N2 14), Christian College of Engineering & Technology, 06th March 2014.
- 67) T.Gopalakrishnan , S.Ramakrishnan , M.Balakumar, “Image Encryption using Chaos and ParityBasedPixelModificationinPermutation”,ProceedingsofInternational Conference on Simulation in Computing Nexus’14 -ICSCN-2014, Coimbatore Institute of Engineering and Technology, Coimbatore, Page No.5, 20-21 March 2014.
- 68) B.Geethanjali , S.Vaishnavi , S.Nithya , S.Ramakrishnan, ” Multi-Tiered Approach for Content Based Image Retrieval using SVM Classifier”, Proceedings of 1ST IRF International Conference on Electrical, Electronics and Computer Engineering (ICEECE), ISBN: 978-93-82702-63-4, Institute of Research Forum (IRAJ) Research Forum, Hotel Grand Plaza Coimbatore, India, Page No. 111-114, 9th March 2014.
- 69) Muthanantha Murugavel A S., Ramakrishnan S., Dhamodharan B.M., Deepak Manavalan K.," Multimodal System To Predict Epileptic Seizures Using Machine Learning Technique", Proceedings of 1ST IRF International Conference on Electrical, Electronics and Computer Engineering (ICEECE), ISBN: 978-93-82702-63-4, Institute of Research Forum (IRAJ) Research Forum, Hotel Grand Plaza Coimbatore, India, Page No. 115-120, 9th March 2014.
- 70) R.Shakthisharmila, S.Mohanasundari, T.Pavithra, P.Sathyamurthi , “Musical Noise removal in spectral subtraction based speech enhancement technique using kurtosis”, International Conference on Emerging Paradigms in Management Research, Vivekananda Educational Institutions for women, Page No.10-13,28th February 2014.

- 71) Meenachi L., Ramakrishnan S., Citra G.T., Deepika C., Swathi Shree I., “Cancer Discovery based on Cluster Ensemble Approach”, International Conference on Recent Trends in Engineering and Technology organized by Dr.MGR Educational and Research Institute University, Chennai and Nanyang Technological University, Singapore at Hotel Grand Palace,Kodaikanal, 15-16 March 2013.
- 72) Ramakrishnan S., Nithya S., Soundaryaa B., Iswarya S., “Feature Extraction Using Neighbourhood derivatives in CBIR”, International Conference on Recent Trends in Engineering and Technology organized by Dr.MGR Educational and Research Institute University, Chennai and Nanyang Technological University, Singapore at Hotel Grand Palace,Kodaikanal , 15-16 March 2013.
- 73) Sakthi Vadivel M., Viveknath M.R., Gunasekaran V., “Linear Programming for Public and Private Cloud”, International Conference on Recent Trends in Engineering and Technology organized by Dr.MGR Educational and Research Institute University, Chennai and Nanyang Technological University, Singapore at Hotel Grand Palace, Kodaikanal ,15-16 March 2013.
- 74) Gopalakrishnan T., Ramakrishnan S., Ranjith Kumar R., “A New Chaotic Image Encryption Scheme using Random Permutation and Logistic Map”, International Conference Biosignals, Images and Instruments ICBSII-2013, at SSN College of Engineering, SSN Nagar, Tamilnadu, India, PP 34-43, 14-16 March 2013.
- 75) Ponni(a)sathya S., Ramakrishnan S.,Gokulakrishnakumar K.,Magendran V., “Efficient Spatial Frequency Based Watermarking Based On Singular Value Decomposition In The Discrete Wavelet Transform Domain, International Conference on Advanced Computing, Machines and Embedded Technology (ICACT2013) at JKKN college, Namakkal, 8-9 March 2013.
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- 77) Muthanantha Murugavel A.S., Ramakrishnan S., Mohammed shakil J., Sudarsan S., “Continuous Assessment of Epileptic Seizures with Wrist-worn Biosensors”, International Conference on Engineering Application at Sardar Raja College,Thirunelveli held on 3rd March 2013.

- 78) Gopalakrishnan T., Ramakrishnan S., Ranjithkumar R., “Random permutation based Chaotic image encryption”, International Conference on Cloud and Big Data Analysis (ICCBDA 2013) at PSG college of Technology, Coimbatore, pp 86-90, 8-9 February 2013.
- 79) Muthanantha Murugavel A.S., Ramakrishnan S., Uma maheshwari, Sabetha B.S., “Combined Seizure Index with Adaptive Multi-Class SVM for EEG Epileptic Classification”, International Conference on Emerging Trends in VLSI, Embedded Systems, Nano Electronics and Telecommunications Systems (ICEVENT 13) at SKP Engineering College, Tiruvannamalai held on January 7-9 2013.
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- 84) Muthanantha Murugavel A.S., Ramakrishnan S., Vaishnavi G., Sakthi SreeKeerthana R., “An Optimized Extreme Learning Machine for Seizure Detection”, International Conference on Futuristic Trends in Computer Science Engineering & Information Technology (ICCT2012), Thiruvalluvar College of Engineering and Technology, Vandavasi, Tamilnadu, India. pp.44-50, Vol.4, 28-29 January 2012.
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