Dr.Mahalingam College of Engineering & Technology, Pollachi 642 003

(An Autonomous Institution)

Department of Information Technology

Papers Published in National Conferences

- P.N.Pranaesh Vel, V.Karthikeyan, S.Ponni@Sathya, "Video Watermarking with Digital Signature Using DWT and SVD", National Conference on Advanced Signal Processing, Communication & Networking – ASPCN'18, PSNA College of Engineering & Technology, Dindigul, March 2, 2018.
- Balasamy K , Monika A, Nandhini K S," Image Authentication Scheme Based On Watermarking In Discrete Wavelet Transform", National Conference on Advanced Signal Processing, Communication & Networking (ASPCN'18), PSNA College of Engineering & Technology, Dindigul, March 2, 2018.
- 3) Ramprakash P Hari Krishna C S, Vengatesh B, Raj Kumar B," Clustering Datastreams Based On The Shared Density Between The Micro-Clusters", National Conference on Advanced Signal Processing, Communication & Networking (ASPCN'18), PSNA College of Engineering & Technology, Dindigul, March 2, 2018.
- 4) Gowtham P, Ramprasath J," Grouping Twitter Similar User", National Conference on Advanced Signal Processing, Communication & Networking (ASPCN'18), PSNA College of Engineering & Technology, Dindigul, March 2, 2018.
- 5) L Meenachi, Madhumitha U, Vinothine C," An Enemble Approach to Diagnosis Diseases from Medical Dataset using Reduced Features", National Conference On Advances In Computing Technologies-NCACT'18, Hindusthan Institute of Technology, Coimbatore.
- 6) Preethi Vardhana M, Hema P, Kaarthihayani R, A.G.Priya Varshini," Opitimisation of Random Forest Classifier for Multiclass Classification", National Conference On Advances In Computing Technologies-NCACT'18, Hindusthan Institute of Technology, Coimbatore.
- Prathap Subramanian R, Shakeel Ahmed S, Logeswari A,"Hand Gesture Controlled Robotic Arm Using Internet of Things", National Conference on Recent Trends in Information Technology –[NC RTIT'18], PSG College Of Technology-Coimbatore.

- 8) S.Nithya, Alaguvibiya D, Sree Vidhya E and Blessy Shona G, "Image Retrieval Using Wavelet Transform And Local Higher Order Statistics", National Conference on Engineering Applications (NCEA'17), Universal College of Engineering and Technology, pp.no.1-6, 28th March 2017.
- Sruthi S, Divyabharathi B, Ashwini R and N.Krishnaraj, "Health Monitoring System Using Predictive Analysis Algorithm In Iot Devices", NCCCIS 2017, Sri Krishna College of Engineering and Technology, pp.no.7-11, 24th February 2017.
- 10) Divya D, Yasodha L, Akilandeeswari S and A.G.Priyavarshini, "Delay Reduced Receiver Based Routing Protocol In MANET", National Conference on Network and Computing Technologies (n-Connect-2k17)", Dr.Sakunthala Engineering College, pp.no. 100-101, 11th February 2017.
- 11) N.Praveen Sundra Kumar, M.Praveen Kumar, M.Karthick, J.Kalaivanan, I.Priyakumar, "Effective Algorithm for Improving Care by Analysis User Data from Social Media ", National Conference on Innovative Intelligence in computer Technology 16, Adithya Institute of Technology, Coimbatore, Page No.67, 18th March 2016.
- 12) S.Rubika, A.Arun, B.Guruprasath, K.Saravana kumar, Z.Imran Khan, "LIGHT-JRuby Based Web Framework Inspired By Lift", National Conference on Innovative Intelligence in computer Technology 16, Adithya Institute of Technology, Coimbatore, Page No.66, 18th March 2016.
- 13) S.Ramakrishnan, R.UdhayaSankar, K.Sureshvelan, K.Dinesh, "Image Encryption Using Wavelet Transform", Proceedings on National Conference on Innovations in Information Technology (NCIIT-2016), Bannari Amman Institute of Technology, Erode, Page No.344-351, 25 & 26th February 2016.
- 14) S.Sugumar, I.Syed Aiyas, A.S.Yuvaraja, J.Sibirarasu, R.Menaha, "Alias Name Mining Using Web Resources", 8th National Conference on Computing, Communications and Information Systems, Sri Krishna College of Engineering and Technology, Coimbatore, Page No.6, 19 & 20th February 2016.
- 15) B.Amuthan, A.Eswaran, L.Muthu kumar, M.Karthik, D.Janani, "Sentiment Analysis in Social Media and Its Applications to E-Learning", National Conference on Research Challenges in Social, Mobility, Analytics and Cloud, Thiagarajar College of Engineering, Madurai, Page No.22, 29 & 30th January 2016.

- 16) M.Kanagadurga, M.Karthiga, M.Nanthinipriya, S.Devimeena, "Robust Digital Image Watermarking for Copyright Protection", National Conference on Recent Trends in Information Technology, PSG College of Technology & Polytechnic College, Page No.19, 29th January 2016.
- 17) S.Adithya Sundar, S.Karthick, S.Kishore, J.Manoj Kumar, A.S.Muthanantha Murugavel,
 "Detection of Epilepsy Using Biosensor with Machine Learning Techniques", National Conference on Recent Trends in Information Technology, PSG College of Technology & Polytechnic College, Page No.18, 29th January 2016.
- 18) P.Sathiyamurthi, M.Agalya Dharshini, P.Bhuvaneshwari, D.Madhumitha, "Spontaneous Voice to Voice Translator using Speech Recognizer for Mobile Application-TRANSSPRAAK", Seventh National Conference on New Frontiers in Computing-SNCONFIC15, K.S.R.College of Technology, Page No. 14, 20th March 2015.
- 19) A.S.Muthanantha Murugavel, S.Vinothini, V.Dhivya Bharathi, A.Jayalakshmi, "Epileptic EEG Signal classification using empirical Wavelet Transformation and Binary Tree SVM", Proceedings of the fourth National Conference on "Emerging trends in Electronics, Instrumentation, Automation and Control" (ETEIAC '15), Karpagam College of Engineering, Coimbatore, Page No. 55-60, 6th March 2015.
- 20) L.Meenachi, S.Abinaya, L.Deepika, S.Kayalvizhi, "Detection of Cancer stages using Ensemble Algorithm", Proceedings of the fourth National Conference on "Emerging trends in Electronics, Instrumentation, Automation and Control" (ETEIAC '15), Karpagam College of Engineering, Coimbatore, Page No. 21-24, 6th March 2015.
- 21) M.Ganeshkumar, G.Kumaresan, K.Marimuthu, S.Nishanth, S.Nithya, "Rotational Invariant Image Retrieval and Clothing System", National conference in Advances in Computing Technologies", 2015, Hindustan Institute of Technology, Coimbatore, Page No. 23, 3rd & 4th March 2015.
- 22) N.Krishnaraj, M.K. Gayathiri , K.Divya , R.Keerthana , T.Deepa , "Multihomed Routing for Power Efficiency", 4th national Conference on Emerging Trends in Computer Communication and Informatics(ETCCI'15), ISBN 978-1-941505-32-8, Tamilnadu College of Engineering, Coimbatore , Published by Coimbatore Institute of Information Technology, on Feb 23&24 2015.

- 23) R.Menaha, P.Mohanapriya, V.Nandhini, J.Meenakshi, "Mining Acronym Expansion from Web", 4th National Conference on Emerging Trends in Computer Communication and Informatics(ETCCI'15), ISBN 978-1-941505-32-8, Tamilnadu College of Engineering, Coimbatore, Published by Coimbatore Institute of Information Technology, on Feb 23&24 2015.
- 24) E.Prabhakar, K.Rishvana, V.P.Saranya, M.Vinitha, "Class Reweighted AdaBoost to improve the classification accuracy in Imbalanced data", Proceedings of the fourth National Conference on "Emerging trends in Electronics, Instrumentation, Automation and Control" (ETEIAC '15), Karpagam College of Engineering, Coimbatore, Page No. 113-117, 6th March 2015.
- 25) J.Ramprasath, S.Sathya, S.K. Sharanya Gayathri, S.Sivakami, "Secured VLAN Implementation for Campus Network", Proceedings of the fourth National Conference on "Emerging trends in Electronics, Instrumentation, Automation and Control" (ETEIAC '15), Karpagam College of Engineering, Coimbatore, 6th March 2015.
- 26) J.Ramprasath, GR. Priya Varshini, R.Subhashree, M.Parkavi, "Online Intrusion alert aggregation and prevention using generative data stream modeling", Proceedings of the fourth National Conference on "Emerging trends in Electronics, Instrumentation, Automation and Control" (ETEIAC '15), Karpagam College of Engineering, Coimbatore, Page No. 37-40, 6th March 2015.
- 27) C.Logesh, M.Manikandan, D.Manojkumar, K.Kanagasabapathi, "A Scalable E-Learning System based on Desktop Grid over Private Cloud", National conference in Advances in Computing Technologies", 2015, Hindustan Institute of Technology, Coimbatore, Page No. 3, 3rd & 4th March 2015.
- 28) J.Dhyaneshwaran , S.Saravanakumar , M.Selvaraj , S.Arulbalamurugan , "Privacy Preserving Firewall Optimization over Cross Domains", 4th National Conference on Emerging Trends in Computer Communication and Informatics(ETCCI'15), ISBN 978-1-941505-32-8, Tamilnadu College of Engineering, Coimbatore , Published by Coimbatore Institute of Information Technology, on Feb 23&24 2015.
- 29) S.Nithya, S.Ramakrishnan, S. Gunasundari, K.S.Mangala Nayagi, S.Lakshmi, "An efficient mechanism for texture extraction and edge detection for CBIR systems", National

Conference on Recent Trends in Information & Communication Engineering NCRTICE-2014, Page No. 155, at Tamilnadu College of Engineering, on April 14 2014.

- 30) L.Meenachi, A.Divya, K.Ilakkia Tamil, E.Rekha, "Recognizing Infrared and thermal facial images using gabor filter", National Conference on Recent Trends in Information & Communication Engineering NCRTICE-2014, Page No. 156, at Tamilnadu College of Engineering, on April 14 2014.
- 31) P.Ramprakash, A.Kiruthikapoorani, K.Saranya, C.Pavithra, "Enhancement to project management module integrating version control system with it for Open ERP version 7" National Conference on Recent Trends in Information & Communication Engineering NCRTICE-2014, Page No. 97, at Tamilnadu College of Engineering, on April 14 2014.
- 32) A.Suganya, K.Gowthami , E.Prabhakar, "A New Under-Over sampling Method for Imbalanced Data Set", National Conference on Information Processing and Remote Computing (NCIPRC-14) at PSG College of Technology, Coimbatore, 27 & 28th February 2014.
- 33) T.Gopalakrishnan, S.Ramakrishnan, N.Dhivya, "An Image Encryption-Compression Algorithm Based on Hyper-Chaos and Number theory", Proceedings of National Conference RTCSP-2014, at Amrita Vishwa Vidyapeetham, Coimbatore, Page No. 88-91 on 27-28th Feb 2014.
- 34) Menaha R., Ilakkiya M.S., Dhivya Niranjana A., "Automatic Extraction of Abbreviations Using Web as Information Source", National Conference on Networking and Information Computing(NCNIC'13), PSNA College of Engineering and Technology, Dindigul held on March 15, 2013.
- 35) Balasamy K., Ramakrishnan S., Deepan prakash, Karthikeyan R., "Security Enhancement in Finger print Watermarking using DWT", National Conference on Recent Advances in Computing at Sri Krishna College of Engineering and Technology, Coimbatore held on 8th & 9th March 2013.
- 36) Saranya K., Kirubhadevi D., Poornima V., Mathiarasi R., Premitha A., "Video Search Reranking by Fusing two features by cross-reference fusion Strategy", National Conference on Recent Trends and Advances in Information Technology (NCRAIT 13) at KSR College of Technology, Tiruchengode held on 4th March 2013.

- 37) Ramprakash P., Ramakrishnan S., Shylesh V., Mohamed Mubarak Ali M., Venkatesan D., "Contact Storing and Data Sharing System for Mobile phones through web server", National Conference on Recent Trends and Advances in Information Technology (NCRAIT 13) at KSR College of Technology, Tiruchengode held on 4th March 2013.
- 38) Ramprasath J., Ramakrishnan S., Sathya Nathan S., Vasanth N., Salaigurubalan K., "GPS based Bus tracking System as an Android Application", National Conference on Recent Trends and Advances in Information Technology (NCRAIT 13) at KSR College of Technology, Tiruchengode held on 4th March 2013.
- 39) Krishnaraj N., Avanthika V., Pranavi G., Sowmiya J., Salaikavyabala K., "Academic Talent Forcasting using EC4.5 Algorithm", 3rd National Conference on Challenges and Innovations in Information Technology (CIIT 13) at Kongu Engineering College, Erode held on 22 Feb 2013.
- 40) Ramakrishnan S., Mohana Priya P., Keerthika R., Gaviya N., Ramya P., "New Revolution on Creating Graphical Security using Hot Spots", National Conference on Innovations in Information Technology(NCIIT 13) at Bannari Amman Institute of Technology, Sathyamangalam held on 21&22 Feb 2013.
- 41) Balasamy K., Ramakrishnan S., Sakthi Abinaya G., Nalini A., "Medical image Security using Alpha Blending Technique in Wavelet Domain", National Conference on Innovations in Information Technology(NCIIT 13) at Bannari Amman Institute of Technology, Sathyamangalam held on 21&22 Feb 2013.
- 42) Ramakrishnan S., Praveena R., Subha E., Subhapriyadharshini C., Akila S., "Wavelet Based Image Watermarking Using Vector Quantization and Singular Value Decomposition", Fifth National Conference on Recent Trends in Information and Communication Technology, Bannari Amman Institute of Technology, Sathyamangalam. pp 165-169, 2-3 April 2012.
- 43) Sangeetha M., Gopalakrishnan T., Ramakrishnan S., "Efficient Compression and Reconstruction for Encrypted Grayscale Image Using Compressive Sensing Technique", National Conference on Recent Trends in Information and Communication Technology (RTICT-2012), Bannari Amman Institute of Technology, Sathyamangalam. pp 1132-1138, 2-3 April 2012.

- 44) Sathiyamurthi P, Ramakrishnan S, Balavignesh J, John Victor D, "Speech Enhancement using Eigen Vector based Transfer function ratio Estimation", in National Conference on Intelligent Techniques (NCIT 12), Karpagam Institute of Technology, Coimbatore,12 March 2012.
- 45) Ramakrishnan S., Deepika R., Theivanai M., "Speech Recognition using pitch contour and KLD", National Conference on Recent Advances in Computer Vision and Information Technology, Government College of Technology, coimbatore. pp.131-135,12 March 2012.
- 46) Ramakrishnan S., Abinaya V., Swathi Priya J., "Image Fusion Using Joint Sparse Representation", National Conference on Recent Advances in Computer Vision and Information Technology, Government college of Technology, Coimbatore. pp 261-264, 12 March 2012
- 47) Ramakrishnan S., Nithya S., Keerthi V., Vaijayanthi R., "An Efficient Mechanism for Image Retrieval using Euclidean distance measure and Bayesian Algorithm", National Conference on recent trends and advances in Information Technology- NCRAIT'12, K.S.Rangasamy College of Technology, Tiruchengode. pp.120-126, 5 March 2012.
- 48) Ramakrishnan S., Meenachi L, Sowmya L., Kanagathara R., "Non-Parallel Plane Proximal Classifier Ensemble Approach For Cancer Classification", National Conference on recent trends and advances in Information Technology- NCRAIT'12, K.S.Rangasamy College of Technology, Tiruchengode. pp.67-74, 5 March 2012.
- 49) Menaha R., "Web based approach to measure semantic similarity between words using SWD", CSIR & TCS Sponsored 4th National Conference on Computing Communication & Information System [NCCCIS-2012], at Sri Krishna College of Engg & Technology, Coimbatore. 10 & 11th Feb 2012.