

Publications:

1. Kathiravan, M., Sakthivelan, R.G., Saravanan, S., Hari Hara Sudhan, S.G., Vasanth, M., Abishek, C.S. (2023). DimRecognition in Images, Videos and Real-Time Video Streams. In: Shakya, S., Du, KL., Ntalianis, K. (eds) Sentiment Analysis and Deep Learning. Advances in Intelligent Systems and Computing, vol 1432. Springer, Singapore. https://doi.org/10.1007/978-981-19-5443-6_54
2. S. Svetaa, S. Pavithra, and R. G. Sakthivelan, "Early Stage Parkinson's Disease Diagnosis and Detection Using K-Nearest Neighbors Algorithm" in International Conference on IoT Based Control Networks and Intelligent Systems ICICNIS 2022, Bengaluru, 1-2 July 2022
3. Sakthivelan, R. G.; Rajendran, P.; Thangavel, M., (2018), A new approach to classify and rank events based videos based on Event of Detection", Springer- Journal of Medical Systems, DOI doi.org/10.1007/s10916-018-1132-1.
4. Sakthivelan R.G., Rajendran P., Thangavel M., (2018), "An Accurate Efficient and Scalable Event Based Video Search Method Using Spectral Clustering", Journal of Computational and Theoretical Nanoscience, Volume 15, Number 2, February 2018, pp. 537-541(5) DOI doi.org/10.1166/jctn.2018.7118. (Annexure I)
5. Sakthivelan R.G., Rajendran P., (2016), "Video Retrieval Using Spectral Clustering and B-Tree Indexing", International Journal of Innovative Research in Computer and Communication Engineering, Volume 4, Issue 10, October 2016
6. Sakthivelan R.G., Indu.I.R (2014), "An Effective Diffie-Hellman Key Based New RSU Detection Secure Routing in Vanets , SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – Volume1, Issue 3, May 2014.
7. Sakthivelan R.G., (2014), "An effective spatial query integrity using merkle hash tree", International Journal of Research in Engineering & Technology, (IMPACT : IJRET) Vol.2, No. 6, Publication Date:2014-06-30 Page : 9-16
8. R.G. Sakthivelan presented "Enhanced Fuzzy System Models with improved Fuzzy Clustering Algorithm" in National Conference on Recent Innovations in Advanced Computing and Technology at Karpaga Vinayaga College of Engineering and Technology on 21th March. 2014

9. R.G. Sakthivelan presented "A User friendly Patent Search Paradigm using Ontology" in National Conference on Advances in Computing, Communication, Electrical & Network Technologies ACCENT-2k16 at Sengunthar Engineering College on 27th March. 2014.
10. R.G. Sakthivelan presented "Privacy Preserving for Anonymous Routing Protocol in Mobile ADHOC Network" in International Conference on Emerging Technology ICET – 2014 at Paavai College of Engineering on 2nd March. 2014.
11. R.G. Sakthivelan presented "An Effective Diffie-Hellman Key based new RSU detection secure routing in MANET" in International Conference on Innovative Engineering Skills at Aishwarya College of Engineering and Technology on 12th Feb. 2014.
12. R.G. Sakthivelan presented "Content based Video Retrieval using Story Board Sketches" in National Conference on Emerging Trends in Computing Technology The Royale Plaza, Kayamkulum organized by Archana College of Engineering on 16th&17th Feb.2012.
13. R.G. Sakthivelan presented "A Four Layer Storage Architecture Model in cloud for Data Intensive Application" in International Conference on Ever Growing and Never Ending Managerial Challenges at Mahendra Engineering College on 28th Feb. 2011
14. R.G. Sakthivelan presented "Sophisticated Peer to peer Botnet Design and Analysis" in National Conference on Advanced Computing and Wireless Technology at Vidya Vikas College of Engineering and Technology on 18th Feb. 2011.
15. R.G. Sakthivelan presented "Content Based Music Information Retrieval" in National Conference on Computational Intelligence at Vinayaka Mission's Kirupananda Variyar Engineering College on 27th April 2009
16. R.G. Sakthivelan presented "Using Interest points and Texture features for Content based Image Retrieval" in National Conference on Emerging Trends in Engineering & Technology NCETET-2008 at Rajarajeswari Engineering College on

4th April 2008.

17. R.G. Sakthivelan presented “Content Extraction using Web Structure Mining” National Conference on Information, Communication & Computing at Hindustan College of Engineering on 7th May 2007.

18. R.G. Sakthivelan presented “Efficient Content based retrieval in Multimedia Database” in National Conference on Extreme Engineering and Technological Advancements XETA-2K7 at Jayam College of Engineering and Technology on 4th&5th April 2007.

19. R.G. Sakthivelan presented “Routing Formation for Ad-Hoc using OMNet++” in National Conference on Recent Trends in Science and Technology at Dr. M.G.R. Educational and Research Institute on 27th May 2005.