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<u>List of Publications</u>

S.No	PUBLICATION DETAILS	YEAR	INDEXING
1.	A. Sridevi,, B. Balraj, N. Senthilkumar & G. K. D. Prasanna Venkatesan, "Synthesis of rGO/CuO/Ag Ternary Nanocomposites Via Hydrothermal Approach for Opto-electronics and Supercapacitor Applications", Journal of Superconductivity and Novel Magnetism, Vol. 33, Pg. No. 3501–3510.	2020	SCOPUS & SCIE
2.	Priyanka Parvathy, Kamalraj Subramaniam, G. K. D. Prasanna Venkatesan, P. Karthikaikumar, Justin Varghese & T. Jayasankar, "Development of hand gesture recognition system using machine learning", Journal of Ambient Intelligence and Humanized Computing, Vol. 65, Pg. No. 149-153, 2020.	2020	SCOPUS & SCI
3.	J. Kirubakaran, G. K. D. Prasanna Venkatesan, K. Sampath Kumar, M. Kumaresan & S. Annamalai, "Echo state learned compositional pattern neural networks for the early diagnosis of cancer on the internet of medical things platform", Journal of Ambient Intelligence and Humanized Computing, Vol. 33, Pg. No 3506-357, 2020	2020	SCI
4.	K. Baskar, G. K. D. Prasanna Venkatesan, S. Sangeetha, "A Survey of Workload Management Difficulties in the Public Cloud", Intelligent Computing in Engineering,	2020	SCOPUS & SCI
5.	Lakshmi R. Nair, Kamalraj Subramaniam, G. K. D. Prasanna Venkatesan, "A Review on Multiple Approaches to Medical Image Retrieval System", Intelligent Computing in Engineering, 2020.	2020	SCOPUS & SCI
6.	Priyanka Parvathy, Kamalraj Subramaniam, G. K. D. Prasanna Venkatesan, P. Karthikaikumar, Justin Varghese & T. Jayasankar, "Development of hand gesture recognition system using machine learning", Journal of Ambient Intelligence and Humanized Computing, 2020.	2019	SCOPUS & SCI
7.	Renjith V. Ravi, Kamalraj Subramaniam, G. K. D. Prasanna Venkatesan, "Low Power Area Efficient Improved DWT and AES Architectures for Secure Image Coding", Advances in Electrical and Computer Technologies, 2020.	2019	SCOPUS

8	Lakshmi R. Nair, Kamalraj Subramaniam, G. K. D. PrasannaVenkatesan, P. S. Baskar & Jayasankar, "Essentiality for bridging the gap between low and semantic level features in image retrieval systems: an overview", Journal of Ambient Intelligence and Humanized Computing, 2020.	2020	SCIE
9	Renjith V Ravi, Kamalraj Subramaniam, TV Roshini, Sundar Prakash Balaji Muthusamy, GKD Prasanna Venkatesan, "Optimization algorithms, an effective tool for the design of digital filters a review", Journal of Ambient Intelligence and Humanized Computing, 2019.	2019	SCIE
10	A. Mohanarathinam, S. Kamalraj, G. K. D. Prasanna Venkatesan, Renjith V. Ravi & S. Manikandababu, "Digital watermarking techniques for image security: a review", Journal of Ambient Intelligence and Humanized Computing, 2019.	2019	SCIE
11	A. Mohanarathinam, Kamalraj Subramaniam, Prakash NB, Hemalakshmi GR, G.K.D.Prasanna Venkatesan, "An Image Based Encryption Algorithm for Multimedia Applications", IEEE Transactions on Consumer Electronics, 2019.	2019	SCIE
12	Kirubakaran, G.K.D. Prasanna Venkatesan, Kamalraj Subramaniam, "Analysis of MC-CDMA Technique using MLSE in Different Fading Channels in Wireless Communication", International Journal of Recent Technology and Engineering (IJRTE), Vol. 7, Issue-5S4, 2019.	2019	SCIE
13	J Kirubakaran, GKD PrasannaVenkatesan, S Baskar, M Kumaresan, S Annamalai, "Prediction of cirrhosis disease from radiologist liver medical image using hybrid coupled dictionary pairs on longitudinal domain approach, Springer US - Multimedia Tools and Applications, pp. 1-19, 2019	2019	SCIE
14	Shashidhar Kasthala, Prasanna Venkatesan GKD, "Evaluation of Channel Modeling Techniques for Indoor Power Line Communication", Springer - Progress in Advanced Computing and Intelligent Engineering, pp. 577-587, 2018	2018	SCIE
15	Subramani Jegadeesan, Swaminathan Sri Shanmugapriya, Maria Azees, Muneeswaran Dhamodaran, GKD Prasanna Venkatesan, Rathinam Praveen Kumar. "An efficient technique to improve the	2018	SCIE

	reliability and security of relay networks in physical layer", Journal of Web Engineering, Vol. 17, Issue. 6, pp. 2341-2359, 2018		
16	GKD Prasanna Venkatesan, T Ranjitha, C Shimona Neethi, S Swetha, "Optimization", International Journal of Advances in Scientific Research and Engineering, Vol. 4, 2018.	2018	SCIE
17	A Sridevi, GKD Prasanna Venkatesan, R Priyadharshini, "An Efficient Architecture Implemented to Reduce the consumed Power by performing Pre Reckoning using Content Addressable Memory", Indian Journal of Science and Technology, Vol. 11, pp. 19, 2018	2018	SCIE
18	M Pachiyaannan, GKD Venkatesan,"LTE 4600 MIMO Antenna: Design and Optimization", Asian Journal of Research in Social Sciences and Humanities, Vol. 7, Issues. 3, pp. 802-811, 2017	2017	SCIE
19	M Pachiyaannan, GKD Venkatesan,"LTE 4600 MIMO Antenna: Design and Optimization", Asian Journal of Research in Social Sciences and Humanities, Vol. 7, Issues. 3, pp. 802-811, 2017.	2017	SCIE
20	ShashidharKasthala, GKD PrasannaVenkatesan, AAmudha, "MIMO PLC Channel Modelling on Indian Residential Networks", International Journal of Applied Engineering Research, Vol. 12, Issue. 14, pp. 4145-4151, 2017	2017	SCIE
21	ShashidharKasthala, GKD PrasannaVenkatesan, AAmudha, "Design and Development of Protective Coupling Interface for Characterizing the Residential Broadband PLC Channel", Journal of Advanced Research in Dynamical and Control Systems, Vol. 9, Issue. 2, 2017.	2017	SCIE
22	G Ramakrishna, ShashidharKasthala, GKD PrasannaVenkatesan, "Relevance of Ocean Thermal Energy Conversion in Maritime Applications", International Journal of Scientific Research in Science and Technology, Vol. 3, Issue. 8, 2017.	2017	SCIE
23	G Ramakrishna, ShashidharKasthala, GKD PrasannaVenkatesan, "Arduino Based Automatic Vehicle Control System", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol. 2, Issue. 6, 2017	2017	SCIE

24	S. Jayakumar, K. Senthilkumaran, J.Poongkothai, G.K.D. Prasannavenkatesan, "Photoluminescence of Reactive Plasma Synthesized ZrO_2 Nanoparticles", International journal of Advanced Engineering and Research Development – National Conference on Nanomaterials, Vol. 4 Issue. 6, 2017.	2017	SCIE
25	GKD Venkatesan, "Studies on performance analysis of MC CDMA and OFDMA system using linear MIMO receivers in wireless communication", 2017.	2017	SCIE
26	G Ramakrishna, ShashidharKasthala, GKD PrasannaVenkatesan, "GSM Based Health Monitoring of Critical Equipments", International Journal of Scientific Research in Science and Technology, Vol. 3, Issue. 8, 2017	2017	SCIE
27	G Ramakrishna, ShashidharKasthala, GKD PrasannaVenkatesan, "Photovoltaic Based Energy Efficient Air Compressors for Ships", International Journal of Engineering Trends and Applications, Vol. 4, Issue. 6, 2017	2017	SCIE
28	M Kumaresan, GKD PrasannaVenkatesan, "Enabling high performance computing in cloud computing environments",IEEE International Conference on Electrical, Instrumentation and Communication Engineering (ICEICE), pp. 1-6, 2017.	2017	SCIE
29	J Kirubakaran, GKD PrasannaVenkatesan, "Performance analysis of MIMO MC-CDMA system using multi equalizers", IEEE International Conference on Electrical, Instrumentation and Communication Engineering (ICEICE), pp. 1-5, 2017	2017	SCIE
30	A Sridevi, GKD PrasannaVenkatesan, "Tuberculosis malady recognition in chest radiographs via artificial neural networks", IEEEInternational Conference on Electrical, Instrumentation and Communication Engineering (ICEICE), pp. 1- 5, 2017.	2017	SCIE
31	A Sridevi, GKD Venkatesan, "Certain Investigations on High Energy and Spectral Efficient CRAHN Based Spectrum Aggregation", American Scientific Publishers - Journal of Computational and Theoretical Nanoscience, Vol. 14, Issues. 8, pp. 3861 – 3866, 2017	2017	SCIE

32	GKD Venkatesan, M Pachiyaannan, S Karthik, T SenthilAnanth, J Kirubakaran, "A Low Profile UWB Antenna for Wireless Body Area Network: Design and Analysis", ACM - Proceedings of the 2nd International Conference on Biomedical Signal and Image Processing, pp. 77 – 80, 2017.	2017	SCIE
33	ShashidharKasthala, GKD Venkatesan , "A review on PLC modeling techniques for residential networks", International Journal of Advanced Research in Computer Science, Vol. 8, Issue. 8, 2017.	2017	SCIE
34	Rahul Chandra Kushwaha, AchintyaSingha, "Impact study of teaching mathematics using ICT enabled learning", International Journal of Advanced Research in Computer Science, Vol. 8, Issue. 8. 2017.	2017	SCIE