Publication Details for Dr. R. S. Rajesh (**Last 5 Years**)

Journals

- Morris.c & Rajesh.R.S, " Modified Primitive Image Fusion Techniques for the spatial domain", Informatologia Journal, vol.48, Mar. 2015, pp.71-77.

  Paramarthalingam, Sundareswaran & K N, VARDHARAJULU & RAJESH, RENGAN. (2015). DECH: Equally Distributed Cluster Heads Technique for Clustering Protocols in WSNs. Wireless Personal Communications. 84. 10.1007/s11277-015-2598-5.

- T.AnanthKumar,R.S.Rajesh,P.SivananaithaPerumal,"Performance Analysis of Noc Routing Algorithms for 5*5 Mesh Based SOC", ICTACAT Journal on MICROELECTRONICS, vol. 1, No.4, Jan.2016.ISSN:2395-1680.

- Rajesh, R.S & Tamilselvi, G & Tamilarasan, Ananth Kumar & Paul, Sivananainthaperumal. (2016). A New PAPR reduction Technique based on Precoding and Gamma Companding Technique for OFDM system. Scientific Journal of PPI-UKM. 3. 182-186. 10.21752/sjppi-ukm/se/a281092016. Indonesia (ISSN print: 2356-2536)

- S.Selvakani, R.S.Rajesh "Perfection of Intrusion Detection Using Correlation,GeneticAlgorithm,Radial Basis Function", International Journal of Computing and Informatics (eISSN: 2502-2334),2016.

- Ayeelyan, John & M, Sugumaran & R.S, Rajesh. (2016). INDEXING AND QUERY PROCESSING TECHNIQUES IN SPATIO-TEMPORAL DATA. ICTACT Journal on Soft Computing. 06. 1198-1217. 10.21917/ijsc.2016.0167.

- Ayeelyan, John & Muthukumarasamy, Sugumarn & Rajesh, R.S.. (2017). DTNH Indexing Method: Past Present and Future Data Prediction for Spatio-Temporal Data. International Journal of Intelligent Engineering and Systems. 10. 426-434. 10.22266/ijies2017.0630.48.

- John A, Sugumaran M, R.S.Rajesh "DBCLST: Continuous Moving Object Clustering Algorithm for Spatio-temporal Data" International Journal of Pure and Applied Mathematics, vol. 118 No. 7, 431-436 (ISSN :1314-3395) Jan 2018.

  Adimoolam, M. & Sugumaran, M. & Rajesh, R.S.. (2018). A novel efficient clustering and secure data transmission model for spatiotemporal data in WSN. International Journal of Pure and Applied Mathematics. 118. 117-124.

- S.ArunMozhiSelvi, Dr.R.S.Rajesh, "Performance of OFDM Modulation Schemes in Wireless and VLC System", International journal of Innovation and Advancement in Computer Science, IJIACS, Volume 7, Issue1,Jan 2018,(ISSN:2347-8616).

- S. AntelinVijila, R.S.Rajesh," Automatic Detection of Hard Exudates in Human Retinal images using Support Vector Machine Classifier", International journal of Innovation and Advancement in Computer Science, IJIACS, Volume 7,Issue1,Jan 2018,(ISSN:2347-8616).

- Paramarthalingam, Sundareswaran, RS Rajesh. (2018). AECHE: ADAPTIVE ENERGY EFFICIENT CLUSTER HEAD ELECTION MECHANISM FOR REACTIVE WIRELESS

SENSOR NETWORKS. International Journal of Advanced Research in Computer Science. 9. 871-876. 10.26483/ijarcs.v9i1.5509.

- S. ArunmozhiSelvi, P. SivananainthaPerumal, R.S. Rajesh " Wi-Li-Fi An Innovative Wireless Network Architecture for Future IOT Applications",International journal of Computer sciences and engineering,Volume6,Issue 8,August2018.

- Morris, C and Rajesh, R.S., A Novel Optimized Mixed Spatial Domain Fusion Technique Using Split Images (November 17, 2018). Asian Journal of Applied Science and Technology (AJAST), Volume 2, Issue 4, Pages 194-205, Oct-Dec 2018. Available at SSRN: https://ssrn.com/abstract=3286346

- P. Sivananainthaperumal, S.ArunmozhiSelvi, Dr.R.S.Rajesh & John K Joel, "Behavioural Analysis of Handover Mechanism in Heterogeneous Wi-Li-Fi Environment", International journal of Computer sciences and engineering, Volume 11,November 2018.

- J.Stalin,R.S.Rajesh,S.ArunMozhiSelvi,"A Survey on Topology and Geography based Routing Protocols in VANETs ",International Journal of Applied Engineering Research,Volume 13, Number 20 (2018) pp. 14813-14822.

- P.Sundareswaran,R.S.Rajesh,,K.N.Vardharajalu”."EGEC:An Energy Efficient Exponentially Generated Clustering Mechanism for Reactive Wireless Sensor Networks",International Journal of Wireless and Microwave Technologies (IJWMT),Vol8,No.6,pp62-72,2018.DOI:10.5815/ijwmt.2018.06.05

- T. Ananth kumar , P. Praveen kumar, S.Arunmozhi selvi ,R.S.Rajesh,” DESIGN OF REDUCED DATA COMMUNICATION EMBEDDED PROCESSOR FOR IMAGE CODING”,” Journal of Analysis and Computation (JAC)”April 2019, ISSN 0973-2861

- S.Arunmozhi Selvi, R.S.Rajesh , T. Ananth kumar,” Evolution of Li-Fi and its Challenges”, CIKITUSI JOURNAL FOR MULTIDISCIPLINARY RESEARCH, Volume 6, Issue 6, June 2019 ,ISSN NO: 0975-6876.

- R.Saranya, Dr.R.S.Rajesh, ”Detection of Black Hole Attack in DSR Routing Protocol by modified cooperative bait detection scheme”, International Journal of Research in Advent Technology, Vol.7, No.1, January 2019, E-ISSN: 2321-9637

- R.Saranya, Dr.R.S.Rajesh, ”Study of Black Hole and Gray Hole Attacks in MANET”, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 24 (2018) pp. 16833-16842

- R.Saranya, Dr.R.S.Rajesh, ”Identifying Black Hole Attack Based On Energy Consumption and Packet delivery ratio in the Routing Protocol”, International Journal of Computer Sciences and Engineering Vol.6(9), Sep 2018, E-ISSN: 2347-2693

Publications in International Conference Proceedings

- T. Ananth Kumar; R. S. Rajesh, “Design of Enhanced Performance and Power Efficient Wireless NoC Architecture”, Proceedings of International Conference on Recent Trends in Engineering and Material Sciences (17-19 March 2016), Jaipur National University, Jaipur, India, March 17-19, 2016

- R.S.Rajesh, G.Tamilselvi, T.Ananthkumar, P.Sivananainthaperumal, " A New PAPR reduction Technique based on Precoding and Gamma Companding Technique for Ofdm System", Proceedings of 2016 International Conference on Multidisciplinary Academic (ICMA 2016), Kualalumpur, Malaysia, 19th May 2016.

- S.Arun mozhi Selvi, R.S Rajesh, "Study of Security Scheme for Wi-Li-Fi system",in the International Conference on Computing Technologies (ICONCT'17) held on 16 th and 17th March 2017.

- Adimoolam M., Sugumaran M., Rajesh R.S. (2019) The Security Challenges, Issues and Countermeasures in Spatiotemporal Data: A Survey. In: Hemanth J., Fernando X., Lafata P., Baig Z. (eds) International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI) 2018. (ICICI 2018). Lecture Notes on Data Engineering and Communications Technologies, vol 26. Springer, Cham. https://doi.org/10.1007/978-3-030-03146-6_142

- R.Saranya, Dr.R.S.Rajesh, "A NOVEL TECHNIQUE FOR DETECTION OF THE RUSHING ATTACK IN THE MANETS", International Conference on COMPUTING TECHNOLOGIES (ICONCT'17) in MEPCO SCHLENK Engineering College,Sivakasi,Tamilnadu.

- S.ArunMozhiSelvi, Dr.R.S.Rajesh," Performance of OFDM Modulation Schemes in Wireless and VLC System", International conference on Advancement in Engineering,Applied Science and Management.(ICAEASM-2018)

- S. AntelinVijila, R.S.Rajesh," Automatic Detection of Hard Exudates in Human Retinal images using Support Vector Machine Classifier",International conference on Science, Technology & Management (ICSTM-2017), Date 21 January 2018

- A John, M Sugumaran, RS Rajesh "Performance analysis of the past, present and future indexing methods for spatio-temporal data Authors" on Communication and Electronics Systems (ICCES), 2017 2nd International Conference on 2017

- T. Ananth kumar , P. Praveen kumar ,S.Arunmozhi selvi, R.S.Rajesh," Design of reduced data communication embedded processor for image coding", ICETEC conference 2018 ,conducted by NPR Arts and Science college ,Natham ,Dindigul.

- J.Stalin ,Dr.R.S Rajesh, "Secured fuzzy routing in VANET's", International conference on emerging trends and Challenges(ICTEC- 2018) conducted by NPR Arts and Science college ,Natham, Dindigul.

- S.Arunmozhi Selvi ,P.Sivananaintha perumal & Dr.R.S.Rajesh," An Efficient Handover Scheme for pervasive Hybrid Heterogeneous Network "," International conference (ICCETE 2019) held at Ghaziabad (New Delhi), UP, India | Date: 27th & 28th April, 2019.

- S. A. Selvi, T. A. kumar, R. S. Rajesh and M. A. T. Ajisha, "An Efficient Communication Scheme for Wi-Li-Fi Network Framework," 2019 Third International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Palladam, India, 2019, pp. 697-701, doi: 10.1109/I-SMAC47947.2019.9032650.

- **PATENT Filed**

1. Filed a Patent " DYNAMIC HANDSHAKE MECHANISM IN A LIGHT FIDELITY BASED HYBRID NETWORK"

   Publication Date : 07/08/2020

   Application No.202041027701 A

   The Patent Office Journal No. 32/2020 Dated 07/08/2020, page no. 30122