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MEMBERS FROM ANNA UNIVERSITY AND AFFILIATED COLLEGES:

	MEMBER1
NAME	<b>Dr. S.SELVAKUMAR</b>
DESIGNATION	<b>Professor</b>
DEPARTMENT	<b>Computer Science and Engineering</b>
NAME OF THE ORGANIZATION/INSTITUTION	<b>GKM College of Engineering and Technology</b>
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AREA OF SPECIALIZATION	<b>Software Engineering</b> <b>Database systems</b> <b>Computer Networks</b>
PUBLICATION(LAST 5 YEAR)	

**Dr. S.SELVAKUMAR, B.E., M.E., PhD.**

Faculty of Computer Science & Engineering

**Teaching & Research Interests**

Software Engineering, Big data Analytics, Computer Networks,  
 Internet Programming, Mobile computing

Senior Member - CSI

Member - IEEE, ACM, IE, ISTE

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**Publication of Journals**

**International Journals**

1. Selvakumar S, A.Sheik Abdullah, "Assessment of the Risk Factors for Type II Diabetes using an Improved Combination of Particle Swarm Optimization And Decision Trees by Evaluation with

Fisher's Linear Discriminant Analysis", *Soft Computing*, **Springer**, ISSN: 1432-7643, (2018) DOI: 10.1007/s00500-018-3555-5) **Indexed in (SCI) Science Citation Index Expanded, DBLP, Computer Science Index, SCOPUS, (Impact Factor: 2.367)**

2. Selvakumar S, M.Maheswari, S.Geetha, "Adaptable and Proficient Coefficient based collaborative Filtering for Recommendation System", *Cluster Computing - The Journal of Networks, Software Tools and Applications*, Springer Press, US, Vol. 22, pp 12325–12338, September 2019. (ISSN: 1386-7857) <https://doi.org/10.1007/s10586-017-1616-7> **(Indexed in Science Citation Index Expanded (SCI), Journal Citation Reports/Science Edition, SCOPUS, ACM Digital Library, DBLP) (Impact Factor 2.04)**
3. Selvakumar S, T. Rangunthar, "Predictive Analysis of Gene Expression Data using Machine Learning Approaches", *International Journal of Recent Technology and Engineering (IJRTE)*, Vol 8 Iss 2, July 2019. (ISSN:2277-3878) **Indexed in SCOPUS (Elsevier)**
4. Selvakumar S, M.A.Mukunthan, "Multi Level Petri net Based Ticket Assignment and IT Management for Improved IT Organization Support", *Concurrency and Computation - Practice & Experience*, **Wiley**, (ISSN: 1532-0634), DOI: [doi.org/10.1002/cpe.5297](https://doi.org/10.1002/cpe.5297), 2019 **Indexed in ACM, COMPENDEX (Elsevier), INSPEC (IET), JCR (Clarivate Analytics), SCI (Clarivate Analytics), SCOPUS (Elsevier), DBLP, Web of Science (Clarivate Analytics) (Impact factor 1.114)**
5. Selvakumar S, A.Sheik Abdullah, R. Suganya, "Decision Support System for Type II diabetes and its risk factor prediction using Bee based harmony search and Decision tree Algorithm", *International Journal of Biomedical Engineering and Technology*, Inderscience Publications, UK., (ISSN: 1752-6418) Vol.29 No.1, pp.46-67, 2019 DOI: 10.1504/IJBET.2019.096880 **(Indexed in SCOPUS, Compendex, Emerging Sources Citation Index (SCI) (Clarivate Analytics)) (Impact factor 0.08)**
6. Selvakumar S, T.Rangunthar, "A Wrapper Based Feature Selection in Bone Marrow Plasma Cell Gene Expression Data" *Cluster Computing - The Journal of Networks, Software Tools and Applications*, Springer Press, US, Vol. 22, pp 13785–13796, November 2019. (ISSN: 1386-7857) <https://doi.org/10.1007/s10586-018-2094-2> **(Indexed in Science Citation Index Expanded (SCI), Journal Citation Reports/Science Edition, SCOPUS, ACM Digital Library, DBLP) (Impact Factor 2.04)**
7. Selvakumar S, Arulselvan.M, "Malicious Node Identification in Mobile Adhoc Networks Leveraging Genetic Algorithm and Adaptive Neuro-Fuzzy Inference System", *Journal of Computational and Theoretical Nanoscience*, American Scientific Publishers. Vol. 15, No. 11/12, 3585–3591 (2018) **Indexed in SCOPUS, Cambridge Scientific Abstracts**
8. Selvakumar S, G.Nirmala, S.Geetha, "Survey on Mobile Robot Navigation Using Reinforcement Learning" *International journal of Wulfenia* (selected for publication) **Impact factor: 2.000**, 5-Year Impact Factor: 1.262, **Indexed in ISI Science Citation Index Expanded (SCI)**

9. Selvakumar S, Arulselvan.M, "Maximum Accuracy in MANET-Node-Localization Using Multi-Stage Tracker with Less Time-Complexity", International Journal of Engineering & Technology, 7 (3.34) 110-113, (2018) DOI: 10.14419/ijet.v7i3.34.18784, **Indexed in SCOPUS, ProQuest (USA), DOAJ**
  
10. Selvakumar S, M. R. Arun, "Ultra-HEVC using frame frequency error optimization technique for IPTV realization", International Journal of Multimedia Tools and Applications, **Springer** Press, June 2018, (DOI 10.1007/s11042-018-6316-7) (ISSN:1380-7501) **Indexed in ISI Science Citation Index Expanded (SCI), (SciSearch), Journal Citation Reports/Science Edition, SCOPUS, INSPEC, CSA, ProQuest, ACM Digital Library, Computer Science Index, Computing and Technology, DBLP, EI-Compendex, SCImagoand (Impact factor 1.541)**
  
11. Selvakumar S, G.Nirmala, S.Geetha, "Optimal Path Planning of Mobile Robot Navigation using Hybrid Exploration and Exploitation with Hill Climbing Technique", Vol. 158, No 5, 2018, International journal of Slywan. (ISSN: 0039-7660) Vol 162, issue 5 (**Indexed in Sources Citation Index (SCI) (Clarivate Analytics), Impact Factor 0.263, 5-Year Impact Factor: 0.251.**
  
12. Selvakumar S, Arul Selvan, M. "Malicious node identification using quantitative intrusion detection techniques in MANET", Cluster Computing - The Journal of Networks, Software Tools and Applications, Springer Press, US, 2018. (ISSN: 1386-7857) <https://doi.org/10.1007/s10586-018-2418-2> (**Indexed in Science Citation Index Expanded (SCI), Journal Citation Reports/Science Edition, SCOPUS, ACM Digital Library, DBLP) (Impact Factor 2.04)**
  
13. Selvakumar S, M.R. Arun, "A Novel Architecture of UHD (2k, 4K) Virtual Video Class Room for Remote Learning using H.265 HEVC Codec Standard", TAGA Journal of Graphic Technology, Vol 14, PP 3380-3391, 2018, (ISSN:1748-337) (**Indexed in Zentralblatt MATH.,DRJI, Publons, Directory of Science)**
  
14. Selvakumar S, M.A.Mukunthan, "A Survey of Six Sigma and ITIL for Qos In Web Service", International Journal of Pure and Applied Mathematics, Vol 118, No. 9, pp.163-170, 2018, ISSN: 1311-8080 (**Indexed in ASCI-ACR, EMBASE, SCOPUS)**
  
15. Selvakumar S, S. MuthuMariappan, "Security issues in Mobile wireless sensor networks Routing Techniques", TAGA Journal Of Graphic Technology, VOL. 14, PP 738-742, 2018, (ISSN:1748-337) (**Indexed in Zentralblatt MATH.,DRJI, Publons, Directory of Science)**
  
16. Selvakumar S, G.Nirmala, S.Geetha, "Integrated Improved Q-Learning algorithm for finding Optimal Path Planning of Mobile Robot Navigation" International journal of Interiencia, Vol. 42, no. 11, 2017, (ISSN: 0378-1844), **Indexed in ISI Science Citation Index Expanded (SCI), SCOPUS, BIOSIS Previews (Impact factor: 0.28, 5-Year Impact Factor: 0.343)**
  
17. Selvakumar S, Karthikeyan.L, "Performance Analysis of Various Link Estimation Time Methods in Vehicular Ad hoc Network", International Journal of Electronic Government, **Inderscience Publications**, UK., Vol 14, Jan 2018, (ISSN: 1740-7494) DOI: 10.1504/EG.2018.10010864, (**Indexed in SCOPUS (Elsevier), DBLP Computer Science Bibliography)**

18. Selvakumar S, T. Ragunthar, G.Illamurugan "Counsel System for Effective Farming using Data Mining Algorithm" International Journal of Pure and Applied Mathematics, Vol. 117, Issue 21, pp. 921-924, 2017 (ISSN: 1311-8080) **Indexed in SCOPUS (Elsevier)** SNIP Impact: 0.635
19. Selvakumar S, Arul Selvan M., "MANET Node Localization Using the Time Based Approach with Minimal Energy Consumption", Journal of Engineering and Applied Sciences (ISSN: 1816-949x) (Accepted for Publication), **(Indexed in ASCI-ACR, EMBASE, SCOPUS)** (Accepted)
20. Selvakumar S, S.Subburam, S.Geetha, "High Performance Reversible Data Hiding Scheme through Multilevel Histogram Modification in Lifting Integer Wavelet Transform", International Journal of Multimedia Tools and Applications, **Springer** Press, pp. 1-25, 2017, (DOI 10.1007/s11042-017-4622-0) (ISSN:1380-7501) **Indexed in ISI Science Citation Index Expanded (SCI), (SciSearch), Journal Citation Reports/Science Edition, SCOPUS, INSPEC, CSA, ProQuest, ACM Digital Library, Computer Science Index, Computing and Technology, DBLP, EI-Compendex, SCImagoand (Impact factor 1.541)**
21. Selvakumar S, T.Ragunthar "Improved Duplication In Cloud Using HDFS Storage Providers", International Journal Of Creative Research Thoughts, Vol. 5, Issue 4, pp.2608-2612, 2017, ISSN: 2320-2882, **UGC Approved Journal.**
22. Selvakumar S, M. R. Arun, "Improvement of Security in IOT Sensor Network to Overcome Harmful Intruder by Optimizing the Existing Techniques", International Journal of Sensors and Sensor Networks. Vol. 5, No. 6, 2017, pp. 70-75, ISSN: 2329-1796, doi: 10.11648/j.ijssn.20170506.11
23. Selvakumar S, A.Sheik Abdullah, P.Karthikeyan, M.Venkatesh, " Comparing the Efficacy of Decision Tree and its Variants using Medical Data, Indian Journal of Science and Technology, Vol 10(18), DOI: 10.17485/ijst/2017/v10i18/111768, May 2017, (ISSN: 0974-6846) **(Indexed in Research Bible, DOAJ, Index copernicus, ISI, Thomson Reuters (Zoological Record), iScholar, Jgate)**
24. Selvakumar S, M.R.Arun, "Enhancement of Video Resolution and Reduction of latency in IP based Video Surveillance System", PERSPECTIVAS Journal (Perspectives in Information Science), V.22,SP.3, 2017, (ISSN: 1413-9936), **(Indexed in Emerging Sources Citation Index (SCI), SCOPUS, INSPEC, LISTA, Information Science and Technology Abstracts, Library Literature and Information Science, DOAJ)**
25. Selvakumar S, S.Manohar, "Self-Motivated Packet Shifting in Multichannel Network" The Online Journal of Distance Education and e-Learning, (TOJDEL) (ISSN: 2147-6454) Vol. 4, Iss 4, Oct. 2016.
26. Selvakumar S, G.Nirmala, S.Geetha, "Mobile Robot Localization and Navigation in Artificial Intelligence: Survey", International journal of Computational Methods in Social Sciences, , Vol. 4, No. 2, pp. 12-22, 2016. ISSN: 2344–1232 **(Indexed in RePEc, ProQuest, DOAJ EconPapers)**

27. Selvakumar S, P. Parthiban, "Big Data Analysis in the Internet of Things Platform", Indian Journal of Science and Technology, Vol 9(41), DOI: 10.17485/ijst/2016/v9i41/91747, November 2016 (ISSN: 0974-6846), **(Indexed in DOAJ J-Gate Plus; Research Bible; EBSCO, DOAJ, Ulrich, ISI, Thomson Reuters (Web of Science))**
28. Selvakumar S, S.Manohar, "Self-Motivated Packet Shifting in Multichannel Network", The Online Journal of Distance Education and e-Learning, Vol. 4 (4), October 2016, (ISSN 2147-6454)
29. Selvakumar S, Brinda Devi D. "Survey of Chaotic Image Encryption Techniques" , International Journal of Innovation Sciences and Research, Vol.5, No. 05, pp. 729-735, May 2016. ( ISSN: 2319-9369) **(Indexed in ISC; Google Scholar; CrossRef; ProQuest)**
30. Selvakumar S, Karthikeyan.L, "GPS Based Link Estimation Time for Vanet Urban Routing", International Journal of Advanced Engineering Technology, vol. 7, no. 2, pp.350-354, April-June,2016. (ISSN 0976-3945).
31. Selvakumar S, M.R.Arun, "Monitoring and Control of Substation in Real Time Using Virtual Instrumentation Application Software", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), Vol.21 No.. 4, pp. 159-164, APRIL 2016, (ISSN: 0976-1353).
32. Selvakumar S, Atshaya.S, Shanmathi.V, "Design Of Effective Shopper Purchase Analysis Model Based On CHRIP Likes", IJREAT International Journal of Research in Engineering & Advanced Technology, Vol. 4, Issue 1, Feb - March, 2016. (ISSN: 2320-8791)
33. Selvakumar S, M.Magheswari ,E.Muthu Jeyanthi, "An Effective Analysis And System Based Sampling Model For Deduplication", IJREAT International Journal of Research in Engineering & Advanced Technology, Volume 4, Issue 1, Feb - March, 2016. (ISSN: 2320-8791)
34. Selvakumar S, Ram Kumar, Rajarathinam, "Model And Analysis Of Message Transfer In Delay Networks", IJREAT International Journal of Research in Engineering & Advanced Technology, Volume 4, Issue 1, Feb - March, 2016 (ISSN: 23208791)
35. Selvakumar S, D.Brinda Devi, "A Secure Sharing and Retrieval of Image in an Untrusted Cloud Environment", International Journal for Research in Applied Science & Engineering Technology (IJRASET) Vol. 4 Issue IV, April 2016 (ISSN: 2321-9653) **(Indexed in EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate etc.)**
36. Selvakumar S, P.Parthiban, "Big Data Architecture for Capturing, Storing, Analyzing and Visualizing of Web Server Logs", Indian Journal of Science and Technology, Vol 9(4),January 2016, DOI: 10.17485/ijst/2016/v9i4/84173,(ISSN:0974-6846) **(Indexed in DOAJ J-Gate Plus; Research Bible; EBSCO, DOAJ, Ulrich, ISI, Thomson Reuters (Web of Science))**
37. Selvakumar S, L.Karthikeyan, "Literature Survey on Position Based Routing Protocols in VANET", Advances in Natural and Applied Sciences. vol. 9, no. 17, pp. 86-92, Special 2015 (ISSN:1995-0772)

38. Selvakumar S, G.Nirmala, S.Geetha, "Optimal long run cost path of Mobile Robot Navigation using QLearning Algorithm", International Journal of Applied Engineering Research, Vol. 10, No. 9, pp. 6867-6870, 2015. ISSN 0973-4562 **(Indexed in SCOPUS, Impact factor – 0.113)**
39. Selvakumar S, C.Sumitha, "A Survey of Energy Efficient Routing Protocols for Self Configurable Wireless Sensor Networks", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 3 (5), May 2015. (ISSN: 2321-9653)
40. Selvakumar S, S.S.Seema, M.Maheswari, S.Geetha, "Reckoning trust in e-commerce by mining product reviews", International Journal of Applied Engineering Research (IJAER) , Vol. 10, No. 55, pp. 1875-1879, 2015. ISSN 0973-4562 **(Indexed in SCOPUS, Impact factor – 0.113)**
41. Selvakumar S, S.Manohar, "Secure and Reliable Group Communication in Mobile Ad Hoc Networks", International Journal of Applied Engineering Research, Vol.10, No.18, pp 39828-39832, 2015 (ISSN 0973-4562), **(Indexed in SCOPUS, EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate etc.)**
42. Selvakumar S, Arul Selvan M., "Statistical Approach for Location Identification in MANET", International Journal of Control Theory and Applications(IJCTA), No.8( Issue 4), pp. 1521-1525, 2015. International Science Press (ISSN:0974-5572) **(Indexed in EBSCOhost, SCOPUS, Elsevier's bibliographic database, Ei databases index, EMBASE, EMCare)**
43. Selvakumar S, T.Ragunthar, "Foretelling the Patients Survival from Bone Marrow Transplant Dataset", International Journal of Applied Engineering Research, Vol 10, No. 75, pp.250-253, 2015, (ISSN: 0973-4562) **(Indexed in SCOPUS, EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate, ICI)**
44. Selvakumar S, Karthikeyan.L, "ELRT: Improved packet delivery ratio using Enhanced Link Residual Time", Advanced in Natural and Applied Sciences, vol. 8, no. 16, pp. 21-24, 2015, (ISSN 1995-0772), (Annexure II in Anna university Journal List)
45. Selvakumar S, Karthikeyan.L, "Comparison Study of Link Estimation Time in Vehicular Adhoc Network", International Journal of Applied Engineering Research, vol.10, no.2, pp.86-92, 2015 (ISSN 0973-4562) (Annexure II in Anna university Journal List) **(Indexed in SCOPUS, EBSCOhost, JournalSeek, J-Gate, H Index: 3)**
46. Selvakumar S, L.Karthikeyan, "Literature Survey on Position Based Routing Protocols in VANET", ARPN Journal of Engineering and Applied Sciences, Vol. 10 No. 19, 2015. (ISSN 1819-6608)
47. S.Selvakumar, Anitha, V.Anusha Sowbarnika, N.Varatharajan, "Twitter Based Earthquake Alert System",International Journal of Innovative Research in Computer and Communication Engineering, Vol. 2, Special Issue 3, July 2014. (ISSN:23209798)

48. Selvakumar S, M.Anuradha, "ACO Based Task Scheduling Algorithm for Hybrid Cloud", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) Vol. 13, No. 1, pp. 373-377, MARCH 2015. (ISSN: 0976-1353)
49. Selvakumar S, Karthikeyan L, Balasubramani S, "Comparison Study of Link Estimation Time in Vehicular AD HOC Network", International Journal of Applied Engineering Research, Vol. 10 No.2 pp. 1596-1599, 2015. (ISSN 0973-4562) **(Indexed in SCOPUS, EBSCOhost, JournalSeek, J-Gate, H Index: 3)**
50. Selvakumar S, Karthikeyan L, Balasubramani S, " ELRT: Improved Packet delivery ratio using Enhanced Link Residual Time in VANET", Advances in Natural and Applied Sciences, Vol. 8, No.16, pp.21-24, 2014. (ISSN:1995-0772) **(Indexed in SCOPUS and SJ Impact factor is 2.698)**
51. Selvakumar.S, Abinaya Suky.S "Protein Structural Class Prediction Using Feature Elicitation and Classification", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, No. 3, March 2014. (ISSN:2347-6710) **(SJ Impact factor is 3.843)**
52. Selvakumar S, C. Balasubramanian, S. Geetha, "High payload image steganography with reduced distortion using octonary pixel pairing scheme", International Journal of Multimedia Tools and Applications, **Springer** Press, Vol. 73, No. 3, pp. 2223-2245, 2014. (DOI 10.1007/s11042-013-1640-4) (ISSN:1380-7501) **(Indexed in ISI Science Citation Index Expanded (SCI) (SciSearch), Journal Citation Reports/Science Edition, SCOPUS, INSPEC, CSA, ProQuest, ACM Digital Library, Computer Science Index, Computing and Technology, DBLP, EI-Compendex, SCImago and (Impact factor 1.541)**
53. Selvakumar, S. and Ramaraj, N. "Multi-Objective Minimization of Test Suite and its Cost Associates using Swarm Intelligence", International Review on Computers and Software, Vol. 6, No. 2, pp. 275-285, 2011. (ISSN:1828-6003) **(Indexed in SCOPUS and Impact factor is 0. 259)**
54. Selvakumar, S. and Ramaraj, N. "Computing with Enhanced Test Suite Reduction Heuristic", Communications in Computer and Information Science, Lecture Notes in Computer Science, Springer Verlag, Berlin, Vol. 142, pp. 504-507, 2011. (ISSN:1865-0929) **(Indexed in SCOPUS and Impact factor is 0. 545)**
55. Selvakumar, S. and Ramaraj, N. "A Tool for Generation and Minimization of Test Suite by Mutant Gene Algorithm", Journal of Computer Science, Science Publications, USA. Vol. 7, No. 10, pp. 1581-1589, 2011. (ISSN:1549-3636) **(Indexed in SCOPUS and Impact factor is 1.286)**
56. Selvakumar, S. and Ramaraj, N. "Test Case Generation using GOM Algorithm", Journal of Internetworking Indonesia, Vol. 3, No. 1, pp. 11-17, 2011. (ISSN:1942-9703) **(Indexed by SCOPUS and covered by Elsevier)**

57. Selvakumar, S. and Ramaraj, N. "Regression Test Suite Minimization Using Dynamic Interaction Patterns with Improved FDE", European Journal of Scientific Research, Vol. 49, No. 3, pp. 332-353, 2011. (ISSN:1450-216X) **(Indexed in SCOPUS and Impact factor is 0. 736)**
  
58. Selvakumar, S. and Ramaraj, N. "Reducing the Size of the Test Suite by Genetic Algorithm and Concept Analysis", Communications in Computer and Information Science, Lecture Notes in Computer Science, Springer Verlag, Berlin, Vol. 90, pp. 153-161, 2010. (ISSN:1865-0929) **(Indexed in SCOPUS and Impact factor is 0. 545)**
  
59. Selvakumar, S. and Ramaraj, N. "Test Suite Diminution Using GRE Heuristic with Selective Redundancy Approach", Communications in Computer and Information Science, Lecture Notes in Computer Science, Springer Verlag, Berlin, Vol. 90, pp. 563-571, 2010. (ISSN:1865-0929) **(Indexed in SCOPUS and Impact factor is 0. 545)**
  
60. Selvakumar, S. and Ramaraj, N. "Extended Finite State Machine Model-Based Regression Test Suite Reduction Using Dynamic Interaction Patterns", Information Processing and Management Communications in Computer and Information Science, Lecture Notes in Computer Science, Springer Verlag, Berlin, Vol. 70, pp. 475-481, 2010. (ISSN:1865-0929) **(Indexed in SCOPUS and Impact factor is 0. 545)**
  
61. M.R. Arun, Dr. S. Selvakumar, "Design and Development of Online Attendance Management System for Remote Administrator Assessment", International Journal of Image Processing & Networking Techniques ,ISSN: 0973-7650,Vol 1,PP 64 - 68

## **Publications in International Conferences**

1. Selvakumar S, Sheik Abdullah A, Akash K, Shamin Thres J, "Sentiment Analysis of Movie Reviews using Support Vector Machine Classifier with Linear kernel function", 8th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2020) January 4 - 5, 2020 NIT,Surathkal, h5-index:14 (**Springer**, Advances in Intelligent Systems and Computing (AISC), **(Indexed in ISI Proceedings, SCOPUS, DBLP Springerlink)**)
  
2. Selvakumar S, A.Sheik Abdullah, KRA Bubesh, V Rishi Kumar, M.Karthickbabu, " Feature Extraction and Prediction of Lung cancer in CT Images with enhancement in Image Quality factors using combination of Deep CNN with Extreme Learning Machine", 7th International Conference on Business analytics and Intelligence BAICONF, IIM, Bangalore during 5-7 December 2019.
  
3. Selvakumar S, Harsheni S K, Souganthika S, Gokul Karthik K, Sheik Abdullah A, "Analysis of the Risk factors of Heart disease using Step-wise Regression with Statistical evaluation", International Conference on Emerging Current Trends in Computing and Expert Technology, (COMET 2019), **Springer** Lecture Notes on Data Engineering and Communications Technologies (ISSN: 2367-4512). 22-23 March 2019. DOI: [https://doi.org/10.1007/978-3-030-32150-5\\_70](https://doi.org/10.1007/978-3-030-32150-5_70), Online ISBN 978-3-030-32150-5,pp 712-718 **(Indexed in SCOPUS, DBLP)**



4. Selvakumar S, Sheik Abdullah A, Rishi Kumar V, Karthickbabu M, Prathap D, "Heart Disease Prediction using Data Mining", Fifth International Conference on Biosignals, Images and Instrumentation (ICBSII 2019), SSN College of Engineering, Chennai, Springer Innovations in Communications and Computing Book Series, 2019, March 14th - 15th 2019. **(Indexed in SCOPUS)**
5. Lami Garoma, Selvakumar.S., "Intelligent Quality Evaluation Framework for Ethiopian Healthcare Websites", International Conference on Emerging Intelligent Technologies and Applications (EITA 2K19), 23-25 October 2019
6. Selvakumar S., Sheik Abdullah A., Gayathri N., Rakesh Kumar S. "Identification of the Risk Factors of Type II Diabetic Data Based Support Vector Machine Classifiers upon Varied Kernel Functions", Lecture Notes in Computational Vision and Biomechanics, vol 28, pp 496-505, 2018. Springer Press, (Print ISBN: 978-3-319-71766-1) DOI: [https://doi.org/10.1007/978-3-319-71767-8\\_42](https://doi.org/10.1007/978-3-319-71767-8_42) ISBN978-3-319-71766-1 Pages 496-505, 2018 **(Indexed in SCOPUS)**
7. S.Selvakumar, Sheik Abdullah A., "An Improved Medical Informatic Decision Model by Hybridizing Ant colony Optimization Algorithm with Decision Trees for Type II Diabetic Prediction", International Conference on Business Analytics and Intelligence, **Indian Institute of Science (IISc)**, December 20-22, 2018. ISBN: 978-93-86768-21-6.
8. Selvakumar S., A.Sheik Abdullah, K.Gokul Karthik, "A Framework for Medical Big data Processing: An Art of Survey", 10th International Conference on Advanced Computing, Anna University MIT Campus, December 13-15, 2018, **(Indexed in SCOPUS, IEEE Xplore)**
9. Selvakumar S., A.Sheik Abdullah, V.Rishi Kumar, R.Parkavi, "A Hybrid Decision Support Model for Type II Diabetes", International Conference on Advances in Computing, Communications and Informatics (ICACCI), September 19 - 22, PES University, 2018 DOI: 10.1109/ICACCI.2018.8554514 **(Indexed in SCOPUS, DBLP, IEEE Xplore, Thomson Reuters' Web of Science) Google scholar metrics h5-index=23 and h5-median=30 for ICACCI.**
10. Selvakumar S, Santoshkumar.H, Udaykumar.R Y, Adisu Teshale, "A Framework for Microgrid to Distribution Management System (DMS) Communication in Smart Distribution Network", IEEE International Conference on Computational Intelligence and Computing Research (IEEEICIC18), 13 - 15 December 2018 **(Indexed in SCOPUS, IEEE Xplore, INSPEC, Thomson Reuters' Web of Science)**
11. Selvakumar S, Kavitha.P, "Citation based article retrieval using collaboration patterns and weightage calculations", IEEE international conference on Engineering & Technology organized by Rathinam Technical Campus, 30th & 31st August 2018 **(Indexed in SCOPUS, IEEE Xplore)**
12. Selvakumar S, Kavitha.P, "Convolutional Neural Network with Image Recognition for Autonomus Car", IEEE International Conference on New Trends in engineering & Technology, GRT Institute of Technology, 7th & 8th September 2018 **(Indexed in SCOPUS, IEEE Xplore)**

13. Selvakumar S., M.R. Arun, M.R.Sheeba, F.Shabina Fred Rishma, "Design of High Efficient Charger for a Lithium Ion Battery", International Conference on Energy Efficient Technologies for Sustainability (ICEETS) 2018. April 6, 2018. **Elsevier-SSRN**: <https://ssrn.com/abstract=3168382>
14. Selvakumar S., M.R. Arun, M.R.Sheeba, F.Shabina Fred Rishma, "Latency Time and Resolution Optimization in Video Monitoring System" International Conference on Energy Efficient Technologies for Sustainability (ICEETS) 2018. April 6, 2018. **Elsevier-SSRN**: <https://ssrn.com/abstract=3169724>
15. Selvakumar S, M.R. Arun, M.R.Sheeba, F.Shabina Fred Rishma, "Comparing PSNR of Different Image Transforms (DCT, DFT, DWT, DHT, DTT)", International Conference on Energy Efficient Technologies for Sustainability (ICEETS) 2018. April 6, 2018. **Elsevier-SSRN**: <https://ssrn.com/abstract=3193921>
16. Selvakumar S, M. R. Arun, "A Chronicle Analysis of Consistent Development Evolved in LI-FI Technology", Third International conference on Innovative & Emerging Trends in Engineering and Technology – ICIETET'18, March 9-10, 2018
17. Selvakumar S, M. R. Arun, "Online Attendance Management System", International Conference on Recent Advances in Engineering & Technology" ICRAET-2K18, March 22-23, 2018
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