

# Department of Computer Science and Engineering

## Publications

S.No.	Name of the Authors	Title of Paper	Name of the Journal	Volume, Pages & Year
1.	ShreeNandhini.P <b>P.Amudha</b> <b>S.Sivakumari</b>	Air Quality Prediction using Artificial Intelligence-A Survey	International Journal of Innovative Technology and Exploring Engineering ISSN: 2278-3075	Vol. 9, 2020
2.	Vanitha.G <b>P.Amudha</b> <b>S.Sivakumari</b>	Congestion Control in wireless Sensor Networks using Artificial intelligence Techniques (A Survey)	International Journal of Innovative Technology and Exploring Engineering ISSN: 2278-3075	Vol. 9, 2020
3.	Tamilmani G <b>S.Sivakumari</b>	Early detection of brain cancer using association allotment hierarchical clustering.	International Journal of Imaging System Technology ISSN: 1098-1098	Vol. 29, pp.617-632 2019
4.	G. Bhavani, <b>S. Sivakumari</b>	Improved Cuckoo Optimization Algorithm for Association Rule Hiding	International Journal of Innovative Technology and Exploring Engineering ISSN: 2278-3075	Vol. 8, 2019
5.	Nitha,K.P, <b>S.Sivakumari</b>	Survey on Factors Determining the Share price Movement in Indian Stock Market- A Bigdata Approach	Indian Journal of Scientific Research in Computer Science, Engineering and Information Technology ISSN: 2456-3307	Vol. 8, pp.63 - 69 2019
6.	G. Bhavani, <b>S. Sivakumari</b>	Quality Preserving ICOA for ARH.	International Journal on Emerging Technologies	Vol. 10, pp.472-477 2019
7.	M.Aasha	Automated Fire Fighting Robot	International Journal of Soft Computing and Artificial Intelligence ISSN: 2321-404X	Vol. 7, pp. 48-50 2019
8.	D.Nithya	Device to device communication using radio frequency during disaster situation	International Journal of Scientific Research in Science, Engineering and Technology	Vol. 6, pp.300-305 2019
9.	P.Amudha, S.Sivaranjani, S.Sivakumari	Sentiment Analysis using Data Mining Technique	Journal of Applied Science and Computations ISSN: 1076-5131	Vol. 6, pp.3659-3665 2019
10.	D.Nithya S.Sivakumari	Fuzzy Based Latent Dirichlet Allocation in Spatio-Temporal and Randomized Least Angle	Lecture Notes on Data Engineering and Communications	Vol. 39, pp.497-508 2019

		Regression	Technologies ISSN: 978-3-030-34514-3	
11.	P.Vigneswari <b>S.Sivakumari</b>	A New Approach for Improving Coding Performance in High Speed Optical Networks	Journal of Applied Science and Computations	Vol. 6, pp.3653-3658 2019
12.	K.E.Preethiga G.Bhavani <b>S.Sivakumari</b>	A Survey on Preserving Data in Association Rule Hiding	International Journal of Innovative Research in Engineering Science and Technology ISSN: 2320-981X	Vol. 6, pp.22-28 2018
13.	G.Bhavani <b>S.Sivakumari</b>	A Survey on Anonymizing Data in Graph basedMultifold Model	International Journal of Innovative Research in Engineering Science and Technology ISSN:2320-981X	Vol. 6, pp. 14-21 2018
14.	B.Marappa, M.S.RudreshaR.B.BasavarajG.P.D arshan B. DarukaPrasad S.C.Sharma <b>S.Sivakumari</b> <b>P.Amudha</b> H.Nagabhushana	EGCG assisted Y 2 O 3 :Eu 3+ nanopowders with 3D micro-architecture assembliesuseful for latent finger print recognition and anti-counterfeiting applications	Sensors and Actuators B: Chemical ISSN:0925-4005	Vol.264 pp. 426-439 2018
15.	A.Snegaa <b>S.Sivakumari</b> R.Praveena	Study on Swarm Intelligence on Medical Field	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Vol.3 pp.2456-3307 2018
16.	R. Priyanka <b>P.Amudha</b>	Identifying Eye Fixation to control the Mouse Operations Using Artificial Neural Network	International Journal of Scientific Research in Computer Science ISSN:2456-3307	Vol.3 pp.68-977 2018
17.	P.Sindhuja <b>D.Nithya</b> <b>S.Sivakumari</b>	A Review Technique on Web Content Mining - Tools and Algorithms	International Journal of Innovative Research in Engineering Science and Technology ISSN: 2348-2281	Vol.3 2018
18.	D.Nithya, S.Sivakumari	Categorizing online news articles using penguin search optimization algorithm	International Journal of Engineering & Technology ISSN:2227-524X	Vol.7 pp.2565-2568 2018
19.	S.Sivaranjani, M.Aasha, S.Sivakumari	Hot Spot Identification Using Kernel Density Estimation for Serial Crime Detection	Communication in computer and Information science- Springer series	Vol.837 pp.253-265 2018

			ISSN: 1865-0929	
20.	D.Nithya, S.Sivakumari	Categorizing the significance of News articles by applying the Decision stream	International Journal of Management, Technology and Engineering ISSN:2249-7455	Vol.8 pp.2195 – 2203 2018
21.	P.Amudha, S.Sivakumari	Disambiguating Technique for Protecting Data in Social Network	International Journal of Management, Technology and Engineering ISSN: 2249-7455	Vol.8 pp.2024-2029 2018
22.	R.Ahila S.Sivakumari	An improved strong key exposure resilient auditing for cloud storage auditing	International Journal of Engineering & Technology	Vol.7 pp.2473-2476 2018
23.	S.Dhivya	Secured Payment card transaction using face recognition	International Scientific Refereed Research Journal ISSN:1801644	Vol.1 2018
24.	M.Thenmozhi <b>S.Sivakumari</b>	Adaptive MAC based location aware on-demand Energy efficient routing protocol (AMAC – LAODEERP) For wireless ad hoc networks	International Journal of Pure and Applied Mathematics ISSN: 14213-14223	Vol.119 2018
25.	D.Nithya S.Sivakumari	A Study on Web Mining Tools	International Journal of Research in Electronics and Computer Engineering. ISSN:2348-2281	Vol.5 2017
26.	D.Nithya S.Sivakumari	State of the Art of Web News Mining	International Journal of Computer Engineering & Applications ISSN:2321-3469	Vol.11 pp.122-129 2017
27.	R.Ahila S.Sivakumari	A Survey on Security Issues in Cloud Environment	International Journal of Research in Electronics and Computer Engineering ISSN:2348-2281	Vol.5 2017
28.	R.Ahila, S.Sivakumari	A Survey:Cloud Computing Security Issues and Techniques	International Journal of Advanced Research in Computer Science ISSN:0976-5697	Vol.8 2017
29.	M.Thenmozhi, <b>S.Sivakumari</b>	Wireless Adhoc Networks: A Survey of MAC based Routing Mechanism	International Journal of Computer Applications ISSN:0975-8887	Vol.167 2017

30.	P.Vigneswari <b>S.Sivakumari</b>	Study on forward Error Correction Codes for Optical Networks	International Journal of Research in Electronics and Computer Engineering ISSN:2348-2281	Vol.5 2017
31.	R.Keerthana <b>P.Amudha</b>	Privacy Preservation Data Mining : A Review	South Asian Journal of Engineering and Technology ISSN:2454-9614	Vol.3 pp.19-21 2017
32.	S.Surya <b>S.Sivakumari</b>	An Intelligent Livestock Habitant Monitoring System with Multi-Objective Inference using IoT	International Journal of Intellectual Advancements and Research in Engineering Computations. ISSN:2348-2079	Vol.5 pp.767-802 2017
33.	B.S.Rohini H.Nagabhushana G.P.Darshan R.B.Basavaraj S.C.Sharma <b>P.Amudha</b> M.RahulB.Daruka Prasad	Multifunctional applications of Self- assembled 3D CeO <sub>2</sub> : Cr <sup>3+</sup> hierarchical structures synthesized via ultrasound assisted sonochemical route	Journal of Alloys and Compounds ISSN:0925-8388	Vol.724 pp.897-909 2017
34.	<b>S.Sivaranjani S.Sivakumari</b> S.Maragatham	“GIS Based Serial Crime Analysis Using Data Mining Techniques”	International Journal of Computer Applications ISSN: 0975–8887	Vol.153 2016
35.	R.Praveena <b>P.Amudha,</b> <b>S.Sivakumari</b>	Enhanced $\ell$ – Diversity Algorithm for Privacy Preserving Data Mining	Digital Connectivity – Social Impact. CSI ISSN:978-981-10-3273-8	Vol.678 pp.14-23 2016
36.	<b>P.Amudha</b> <b>S.Sivakumari</b> R.Praveena	Technology Transfer: An effective approach to improve Health Industries	Intercontinental Journal of Marketing Research Review ISSN:2347-1670	Vol.5 pp.160-67 2016
37.	S.Sangeetha <b>S.Sivakumari</b>	Ontology based Effective Semantic Information Retrieval for Big Data Approaches	International Journal of Data mining and Knowledge Engineering ISSN:0974-9683	Vol.8 pp.115-119 2016
38.	R. Vishnu Priya <b>S.Sivaranjani</b> <b>S.Sivakumari</b>	A survey on crime hotspot analysis techniques and tools	International Journal of Innovative Research in Engineering Science and Technology ISSN:2320-981x	Vol.4 pp.153-158 2016
39.	K.S. Sindhu, <b>Aasha.M</b> <b>S.Sivakumari</b>	A survey on frequent Pattern mining	International journal of Innovative research in Engineering Science and Technology ISSN:2319-8753	Vol.4 pp.125-130 2016

40.	M.Aasha, S.Sivakumari	Efficient Gait Recognition of Individuals by utilizing shape features using particleswarm optimization	International Journal of Data mining and Knowledge Engineering ISSN: 0974-9683	Vol.8 pp.35-39 2016
41.	Aparna S Divyapriya J Indhumathi <b>PS.Sivaranjani</b>	GSM – Based Residential PowerManagement Using Fuzzification and Numerical Algorithm	Discovery Journal ISSN:2278 –5469	Vol.52 pp.1047-1052 2016
42.	R.Sneha <b>D.Nithya</b>	Wireless Sensor Network: A Survey	International Journal of Advanced Research in Computer Science and Software Engineering ISSN:2277-128X	Vol.11 pp.92-95 2016