

JOURNALS 2020

Sl.No	Faculty Name	Title	Author	Journal Name	Publisher	Vol no, page no, year
1	Dr T V Geetha	Knowledge-enhanced temporal word embedding for diachronic semantic change estimation	J Vijayarani, T V Geetha	Soft Computing	Springer	pp. 1-18
2		A neural network framework for predicting dynamic variations in heterogeneous social networks	Mathiarasi, B., and Geetha, TV	Plos one	Plos	Vol. 5, No. 4, p.e0231842, 2020
3		Influential researcher identification in academic network using rough set based selection of time-weighted academic and social network features	Manju, G., Kavitha, V., Geetha, T.V	In Cognitive Analytics: Concepts, Methodologies, Tools, and Applications	IGI Global	pp. 378-406, 2020
4		Concept Map Information Content Enhancement Using Joint Word Embedding and Latent Document Structure	Kodaikkaavirinaadan Urkalan, TV Geetha	International Journal on Semantic Web and Information Systems	IGI Global	Vol. 16, pp. 1667-1686, 2020
5		Joint Topical Word Embedding for Detecting drift in social media text	J Vijayarani, T V Geetha	researchsquare.com		
6	Dr A P Shanthi	A biologically plausible network model for pattern storage and recall inspired by Dentate Gyrus	Vidya Janarthanam. V, Vishwanath.S.,Shanthi A.P.	Neural Computing and Applications	Springer	vol. 32, no. 17, pp.13289-13299, 2020
7		M-PIVAD - Virtual memory based approach against non-control data attacks	Dileesh E.d.,Shanthi. A.P.	Computers and Security	Elsevier	vol. 95, p.101834, 2020
8		Towards the design of a stronger AES: AES with Key Dependent Shift Rows (KDSR)	Srisakthi. S.,Shanthi A.P.	Wireless Personal Communications	Springer	vol. 14, pp.3003-3015, 2020
9	Dr D Manjula	An Efficient Algorithm for Identifying (ℓ, d) Motif from Huge DNA Datasets”	Arunarani.A.R., Manjula. D.	Journal of Ambient Intelligence & Humanized Computing (AIHC)	Springer	Vol. 12, No. 1, pp.485-495, 2020
10		Biomedical Named Entity Recognition (BNER) Using Word Representation Features Based On CRF	Sudhakaran G, Manjula D, Vijayan Sukumaran	International Journal Of Creative Research Thoughts	IJCRT	Vol 8, No 12 , pp. 589-595
11		Character level and word level embedding with bidirectional LSTM – Dynamic recurrent neural network for biomedical named entity recognition from literature	Sudhakaran G, Manjula D, Vijayan Sukumaran	Journal of Bioinformatics	Elsevier	Volume 112, pp. 103609 , 2020
12	Dr R Baskaran	A novel ODV crossover operator based genetic algorithms for travelling salesman problem	Victor Paul .P., Ganeshkumar. C., Dhavachelvan .P., Baskaran. R.	Soft Computing Methodologies and application	Springer	24(17), pp.12855-12885, 2020
13		Abnormal gait recognition using exemplar based algorithm in healthcare applications	Sivarathinabala, M., Abirami.S, Baskaran. R.	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	Wiley	33(13), 2020
14		Technical analysis on security realization in web services for e-business management. Inf Syst E-Bus Manage	Muthukrishnan, P., Sakthivel, V., Ramachandran, B.	Inf Syst E-Bus Manage	Springer	18(3), pp.427-438, 2020
15	Dr P Geetha	A novel approach for segmentation and counting of overlapped leukocytes in microscopic blood images	Sudha. K.,Geetha.P.	Biocybernetics and Biomedical Engineering	Elsevier	40(2), pp.639-648, 2020
16		Leukocyte segmentation in peripheral blood images using a novel edge strength cue-based location detection method	Sudha. K.,Geetha.P.	Medical & Biological Engineering & Computing	Springer	58(9), pp.1995-2008, 2020
17		Highly efficient neoteric histogram–entropy-based rapid and automatic thresholding method for moving vehicles and pedestrians detection	Karnam Silpaja Chandrasekar, Planisamy Geetha	IET Image Processing	IEEE	14(2), pp.354-365, 2020
18		Deep learning based breast cancer detection and classification using fuzzy merging techniques	Krithiga, R., & Geetha, P	Machine Vision and Applications	Springer	vol 31(7), 1-18, 2020
19		Multiple objects tracking by a highly decisive three-frame differencing-combined-background subtraction method with GMPFM-GMPHD filters and VGG16-LSTM classifier	Karnam Silpaja Chandrasekar, Planisamy Geetha	Journal of Visual Communication and Image Representation	Elsevier	vol 72, 102905, ct 2020

20	Dr V Mary Anita Rajam	Waterbody segmentation from satellite images using kapur's information entropy- based thresholding method	A Aalan Babu, V Mary Anita Rajam	Computational Intelligence	wiley	vol 36(3), pp 1242-1260, Aug 2020
21	Dr S Chitrakala	Dyadic Human Interaction Recognition from Videos using Multi-layer 3D CNN	Subetha.T., Chitrakala.S.	International Journal on Emerging Technologies		vol. 11, no 3, PP. 1000–1010, 2020
22		Car Detection System in Aerial images with Occlusion Handling	M. Dhanushree, Dr. S. Chitrakala	International Journal of Innovative Research in Computer and Communication Engineering		Vol 8, no.7, July 2020
23		Multilabel Image Annotation using Multimodal Analysis	Pavithra S S , Chitrakala S	International Journal of Trend in Scientific Research and Development (IJTSRD)	IJTSRD	Vol-4, no5, pp.1005-1012, 2020
24	Dr Angelin Gladston	Optimal test case selection using ant colony and rough sets	Angelin Gladston, Niranjana Devi,N.	International Journal of Applied Evolutionary Computation	IGI Global	11(2), pp.1-14, 2020
25		Merkle Tree And Blockchain Based Cloud Data Auditing	Arun Prasad,M., Mohamed Asfak,R., Angelin Gladston	International Journal of Cloud Applications and Computing	IGI Global	10(3), pp.54-66, 2020
26		Sift And Deep Convolutional Features For Closeness Based Leaf Image Recognition	Suchitra, Angelin Gladston	International Journal of Computer Vision and Image Processing	IGI Global	10(2), pp.15-28, 2020
27		DETECTION OF HANDS FOR HAND-CONTROLLED SKYFALL GAME IN REAL TIME USING CNN	Neha B, Naveen V, Angelin Gladston	International Journal of Interactive Communication Systems and Technologies	IGI Global	vol 10(2), 10 pages, 2020
28	Dr T Raghuvveera	A depth-based Indian Sign Language recognition using Microsoft Kinect	T. Raghuvveera, R. Deepthi, R. Mangalashri, R. Akshaya	Sadhana - Academy Proceedings in Engineering Sciences	Springer	45(1), pp.1-13, 2020
29	Dr S Renuga Devi	Project Summer Internship For Engineering Students	Shreenidhi Sriram, Renugadevi Somu	Journal of Emerging Technologies and Innovative Research (JETIR)	JETIR	7(6), pp: 776-784, June 2020
30		Perception of Engineering undergraduate students on Summer Internships: a questionnaire-based survey	Shreenidhi Sriram, Renugadevi Somu	International Journal of Engineering Research and Applications (IJERA)	IJERA	10(10), pp. 32-35, Oct 2020
31	Dr P Velvizhy	Fuzzy based Review Rating Prediction in E-commerce	P.Velvizhy, A. Pravi, M. Selvi,S. Ganapathy, A. Kannan	International Journal of Business Intelligence and Data Mining	Inder Science	17(1), pp.101-116, 2020
32	Ms J Vijayarani	Computational Phenotyping from Electronic Health Records using Extractive Summarization	Eathiraj L, Vannamalar, I.P., and Vijayarani J	International Journal of Research in Computer Applications and Robotics		Vol.8 Issue 2, Pg. 1-10, 2020
33		MOVMAX Car Rental System for Owners, Customers, Drivers and Repairmen	Nishaali M., Nandhini S., Vijayarani J	International Journal of Research in Computer Applications and Robotics		Vol.8 Issue 2, Pg.: 33-43, 2020
34		Anomaly Intrusion Detection Based on Concept Drift	Gokul R., Pradheep D., Naveen V., Vijayarani J	World Wide Journal of Multidisciplinary Research and Development		
35	Ms K Thangaramya	Intelligent fuzzy rule-based approach with outlier detection for secured routing in WSN	K Thangaramya, K Kulothungan, S Indira Gandhi, M Selvi, SVN Santhosh kumar, A.Kannan	Soft computing	Springer	24(21), pp.16483-16497, 2020