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Department of Computer Science and Engineering
Journal Publications (2020-2021)

Sl.no	Faculty Name	Paper Title	Journal Name
1.	Althaf S., Suresha N. Pooja K.S. Jeelani H. Muddebihal, Poonam Ghuli, Dr. Ramakanth Kumar P,	Study of Plant Phenotype using Image Segmentation Techniques,	International Journal of Computer Sciences and Engineering, Vol.8,Issue.5,23-30, 2020
2.	Kirthana T, Dr. Soumya .A	Machine Learning Techniques For Wastewater Treatment Plants	Journal of Seybold Report, Volume 15,Issue 7,1895-1899, 2020
3.	Syed Tameem Ansari1, Dr. Azra Nasreen	Data Analysis and Visualization by extracting insights for Efficient Project Planning	International Journal of Computer Sciences and Engineering, VOLUME 8,Issue 8, 2020
4.	Rohit Raj S, Dr. Pratiba .D , Dr. Ramakanth Kumar P	Facial Expression Recognition using Facial Landmarks:A novel approach	Advances in Science,Technology and Engineering Systems Journal", Volume 5,No.5",,24-28, , 2020
5.	Guru Rajesh, Dr. Pratiba .D	Implementation of web based application for Conflict Analysis	International Journal of Applied Engineering Research, Voluem 15,No 8",,782-785, 2020
6.	Parinith R Iyer, Anala. M. R, Dr. Hemavathy R	Research Perspectives and Advancements in Open-Domain Chatbots	International Journal of Engineering and Advanced Technology, Volume-9 ,Issue-4, 1672-1678, , 2020
7.	Vaishnavie Sangam, Rohan Sanghvi, Dr. Hemavathy R	A Review of Emerging Trends in Cloud Computing	International Research Journal of Engineering and TechnologyVolume-7,Issue-5,4214- 4217, 2020
8.	V Ganesh Tejas1,Dr. Hemavathy R	Microservices and its Intercommunication using Kafka	International Research Journal of Engineering and TechnologyVolume-7,Issue-4, 5632- 5635, 2020
9.	Dr. Rajashree Shettar	Detecting License Plates In Real Time Using Deep Learning For Android	Journal of Seybold Report Vol 15,Issue-8,"pp. 850-853,
10.	Bhavana R, Rakshitha S G, Rajashree Shettar, Minal Moharir	Microservice Architecture using ASP.NET Core	International Journal of Innovative Technology and Exploring Engineering, Volume 9,Issue-7," pp. 175-178
11.	Rajayogi J R, Dr. Rajashree Shettar	Microservices Architecture for Building Internet of Things (IoT) Applications	International Research Journal of Engineering and Technology, Volume-7,Issue-5," pp. 1459-1462
12.	Sanjana Karanam,Dr. Rajashree Shettar	Processes and Techniques in Digital Marketing Analytics	International Journal of Computer Sciences and Engineering, Volume-8 ,Issue-4," pp. 28-33
13.	Likhith D, Vamsi A, Dr. Rajashree Shettar	Customer Attrition and Retention	International Journal of Computer Sciences and Engineering, Volume 9,Issue-7," pp. 925-928

14.	Pavan Sai Diwakar Nutheti, Narayan Hasyagar, Rajashree Shettar , Shankru Guggari and Umadevi V	Ferrer diagram based partitioning technique to decision tree using genetic algorithm	I.J. Mathematical Sciences and Computing, Volume 6,Issue-1,"2020, pp. 25-32
15.	Mamatha S K, Dr.Krishnappa H K	Graph Based Brain Network Structure and Brain MRI Segmentation Techniques	International Journal of Recent Technology and Engineering (IJRTE), Volume-8,Issue-6,", pp. 2845-2854
16.	K Asha, Dr.Krishnappa H K	Segmentation of Characters from Handwritten Kannada Document	International journal of sensors, wireless communication control", 2020
17.	Praveena T,Nagaraja G.S	Social-sine cosine algorithm-based cross layer resource allocation in wireless network	International Journal of Electrical and Computer Engineering (IJECE), Vol. 11, No. 1",,February 2021
18.	Dr.Shanta Rangaswamy	Bits or Qubits	Journal of Seybold Report, 15,7,466-469, 2020
19.	Nivedita Manohar ,Dr.Shanta Rangaswamy	Machine Learning Techniques to Identify Dementia.	SN Computer Science (2020),Springer Nature Singapore Pte Ltd 2020
20.	Aathmika , Dr.Shanta Rangaswamy	Review of existing Remote Desktop Protocols	International Research Journal of Engineering and Technology, 7,4,5210-5212. , 2020
21.	Varun Belagali, Dr.Shanta Rangaswamy,	Techniques of Glottis Segmentation from Stroboscopic videos	International Research Journal of Engineering and Technology,International,7,4,5062-5064, 2020
22.	Vishal Gowda, Dr.Shanta Rangaswamy	Addressing the limitations of React JS	International Research Journal of Engineering and Technology, vol 7,4,5065-5067, , 2020.
23.	Roopa R, Shanta Rangaswamy	Novel Approach to Predict the Travel Time based on Historical Data using ML Techniques	International Journal of Computer Science and Information Security, IJCSIS ISSN 1947-5500, February 2021, http://doi.org/10.5281/zenodo.4577765.
24.	Roopa R, Shanta Rangaswamy	Integrated mode of transport: A predictive model for route guidance	International Journal of Intelligent Unmanned Systems,https://doi.org/10.1108/IJIUS-09-2020-0040 ISSN: 2049-6427
25.	Lalitha V P, Shanta Rangaswamy	Research trends in land cover and land change using satellite images	Journal of Seybold Report,International,15,9,3718-3732 , 2020
26.	Prapulla S B,Govindarajan, Karthik K S, Shanukha Adiga, Shobha G	Performance Estimation Of Wi-Fi Access Point For Exclusive Voip Traffic	Journal of Seybold Report,International,15,7,1359-1371. , 2020.
27.	Prapulla S. B. P. Govindarajan, Shobha G. Karthik K. S., B. Sumukha Adiga	Cost Effective, Solar Powered, Low Bandwidth (11 Mbps 802.11b) WiFi Access Point Network for Voice (VoIP) and Data Traffic from Villages	ijesc,Vol. 10,Issue- 2 24702-24706.

28.	S. B. Prapulla, Jyoti Shetty, Vinay A. Kulkarni, K. N. Subramanya, B. V. Uma, P. Ramakanth Kumar, G. Shobha	Design and Analysis of an Online Course using Moodle Platform	Journal of Engineering Education Transformations 33, 270-274
29.	Siddhant Sanjay Shirguppe, Lalitha V P	Frame composition in display graphics: a comparative study	International Journal of creative research thoughts ,International,8,5,575-578. , 2020
30.	Damini Jaiswal, Lalitha V P	Web Applications using Angular with REST API	International Research Journal of Engineering and Technology ,International,7,4,3070-3073, 2020
31.	Jagadish Sri Kumar K, Alok Kumar, Lalitha V P, Mahesh A	Data Warehouse Extracts for Connected Corporate Banking	International Research Journal of Engineering and Technology ,International,7,5,1973-1976, 2020
32.	Vanshash Mahajan, Sachin Kumar C W, Kanishk Gupta, Prashanth T M, Lalitha V P	Flood Loss Detection and Analysis using Image Processing	International Research Journal of Engineering and Technology,7,5,2359-2362, 2020
33.	Smriti Srivastava, Minal Moharir	An Overview of Communication Methods on WiNoC	International Journal of Advanced Science and Technology, International,29,3,12876 – 12883, 2020
34.	Varun Vijayanand M. Dr. Deepamala.N	Survey on Customer Relationship Management Analytics	International Journal of Computer Sciences and Engineering,International,8,5,78-85, 2020
35.	Ujwalakavya ,Dr. Deepamala.N	Chatbot for Business Environment Using Botpress Conversational AI Platform	International Research Journal of Engineering and Technology (IRJET),International,7,4,6503-6507, 2020
36.	Rakesh, Nischal, Dr. Deepamala.N	Comparative Analysis of Web Content Management Systems	International Journal of Scientific Research in Engineering and Management (IJSREM),,4,5,1-5, 2020
37.	Bellishree , Dr. Deepamala.N	A Survey on Docker Container and its Use Cases	International Research Journal of Engineering and Technology (IRJET),International,7,7,2716-2720, 2020
38.	Sameeksha Shetty, Smriti Srivastava	Security Tickets Monitoring System	International Research Journal of Engineering and Technology,International,7,6,1498-1501, 2020
39.	Shubham Milind Phal, Smriti Srivastava	An Analysis of Machine Learning Methods for Ranking in Recommendation Systems	International Research Journal of Engineering and Technology,International,7,5,1-5, 2020
40.	Nawal Nagaraj, Prof. Sandhya .S	Scope of Business Intelligence in Organizations	International Research Journal of Engineering and Technology (IRJET),International,Volume-7,Issue-4, pp. 5611-5614, 2020
41.	Prajwal H L, Prof. Sandhya .S	Block Chain Based Efficient Management of IoT Smart Video Surveillance System	International Journal of Advanced Research in Computer Science,International,"Volume-11, No. 3" pp. 55-58, 2020

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42.	Krupa Sindhu S, Krupa A. Jain, Prof. Sandhya S, Dr. Azra Nasreen	Comparative Study And Review Of Principles For Dashboard Design	, International Research Journal of Engineering and Technology (IRJET), Volume-7,Issue-5,May 2020 pp. 6355-6339, 2020
43.	Vidhat B L, Harini V, Govindaraju, Prof. Sandhya .S	FPGA-based Sandbox Platform for Hardware Accelerators	International Research Journal of Engineering and Technology (IRJET),International,Volume-7,Issue-5 pp. 6030-6034, 2020.
44.	Shrutheesh Raman Iyer, Dr. Sowmyarani CN, Dr. Ramakanthkumar P. (2020)	A Survey On Monocular Visual Odometry For Autonomous Vehicle Navigation	International Journal of Advanced Science and Technology, 29(9s), 570-584. http://sersc.org/journals/index.php/IJAST/article/view/13155. (Scopus).
45.	M. B. Apsara, P. Dayananda, C. N. Sowmyarani	A Review on Secure Group Key Management Schemes for Data Gathering in Wireless Sensor Networks	Engineering, Technology & Applied Science Research, Vol. 10, No. 1, 2020, 5108-5112. http://orcid.org/0000-0001-8445-3469. (WoS)
46.	Dayananda P , Mrityunjaya V. Latte, Mahesh S. Raisinghani Texas Woman's University, Denton, Texas, USA, Sowmyarani CN	New approach for target setting mechanism of course outcomes in higher education accreditation	Journal of Economic and Administrative Sciences, Vol. ahead-of-print No. ahead-of-print. © Emerald Publishing Limited, 1026-4116, DOI 10.1108/JEAS-03-2020-0024. (WoS)
47.	Akash Kuamr Ghanate, Aashish M, Santhosh M Patil, Sowmyarani C N, Ramakanth Kumar P	Review on 3D Mapping and Segmentation	International Journal of Engineering and Advanced Technology (IJEAT)ISSN: 2249 –8958,Volume-9Issue-6, August2020. (Scopus).
48.	Dr Nagaraja G.S,	An Evaluation of lightweighted Data security and autentication schemes for IoT devices	High Technology Letters, International, Vol.25, Issue-11, 495-506
49.	Akash Hegde, Krithika L, Dr. Sowmyarani C. N, Dr. Dayananda	A Study On Denial Of Service (Dos) And Distributed Denial Of Service (Ddos) Attacks	International Journal of Future Generation Communication and Networking Vol. 13, No. 1, (2020), pp. 959-969. (Scopus)
50.	S Kiruthika, Sowmyarani C N	Credit Card Fraud Detection using Machine Learning and Deployment of Model in Public Cloud as a Web Service	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878,Volume-9, Issue-2, July 2020. (Scopus).
51.	Akshay Mammen Koshy, Anala M R, Ganashree K C	Satellite images for traffic management A cpmprehensive survey	Solid state technology, Vol. 63, Issue 1, 2020.
52.	Vanishree, Dr Nagaraja G.S	Emerging Line of Research Approach in Precision Agriculture: An Insight Study	IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 12, Issue-2 304-317
53.	Anusha , Dr Nagaraja G.S	A Surveyon Core Self-Healingand 5G Network	High Technology Letters,Volume 27, Issue-3 179-184
54.	Akshata, Dr Nagaraja G.S,Dr. Ramesh S	Overview on data masking techniques	High Technology Letters, Volume 27, Issue-3 210-214

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55.	Sesha K, Dr Nagaraja G.S	Inherent Parallelism and Speedup Estimation of Sequential Programs	Annals of Emerging Technologies in Computing (AETiC),International Vol. 5 Issue-2 1-16.
56.	Dipayan S, Minal Moharir, Anitha	Phishing Website URL using ML	International Journal of Advanced Science and Technology, Vol. 29(7), June 2020. 2495-2504
57.	Dr. Minal Moharir, Karthik Bhat Adyathimar, Dr. Shobha G	Scapy scripting to automate testing of networking middle boxes	Advances in Science, Technology and Engineering Systems Journal, International Vol. 5(2),Feb. 2020, 293-298
58.	Dr .Sharvani, G.S	Optimization of cloud load balancing using fitness function and duopoly theory	International Journal of Intelligent Computing and Cybernetics Issue(s) available: 52 – From International Volume: 13 Issue: 4 , Feb 23rd 2021
59.	Akash Hegde, Resma, Dr .Sharvani, G.S	Elastic Load Balancing In Real-Time Cloud Environment	International Journal of Advanced Science and Technology,Vol. 29, No. 12s, (2020), pp. 269-283
60.	Amulyashree, Dr .Sharvani, G.S, Manjunath Reddy, Kalyan	Envisaging prominence of Indian Telecom Operators using an ensemble link based approach	Indian Journal of Computer Science and Engineering, Vol. 11, No. 3, pp. 297-310.
61.	Kirthana, Dr Soumya A	Data Interchange: A Backbone for Backend ERP System	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 9,Issue 5 142-145, May 2020
62.	Sharath Krishna Karanam1,Dr Soumya A	Test Logs Segregation and Analysis Automation	International Research Journal of Engineering and Technology (IRJET), Vol 7 Issue 5 2203- 2205, April 2020
63.	Parvati Hotagi1,,Dr Soumya A	Autonomous Vehicles: A Generic Perspective,	International Research Journal of Engineering and Technology (IRJET), Vol 7 Issue 45267-5271, April 2020
64.	Sahana P K, Dr Soumya A	Producer-Consumer Process Synchronization in Multicore System and Energy Profile	International Research Journal of Engineering and Technology (IRJET), International Vol 7 Issue 4 5263- 5266, April 2020
65.	Rahul Rathod, S Jayanth Balaji, Samarth, Dr Soumya A	Detection and Classification of Tomato Plant Leaf Diseases Using Convolutional Neural Network	International Research Journal of Engineering and Technology (IRJET), Vol 7 Issue 4 5412- 5414, April 2020
66.	Yatish HR, Shubham Milind Phal, , Tanmay Sanjay Hukkeri, , Lili Xu, Shobha G, , Jyoti Shetty	Massively scalable density based clustering (DBSCAN) on the HPCC systems big data platform	IAES International Journal of Artificial Intelligence (IJ-AI) Vol 10 Issue 1 207-214.

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67.	Althaf S. Suresha N., Pooja K.S., Jeelani H. Muddebihal, , Poonam Ghuli, Ramakanth Kumar,	Study of Plant Phenotype using Image Segmentation Techniques	International Journal of Computer Sciences and Engineering InternationalVol.8, Issue.5, 23-30
68.	Dr. Poonam Ghuli	Deep Learning driven Human Sentiment Analysis	Journal of Seybold Report, Vol 15 Issue 7 pp. 756-761, July 2020
69.	Dr. Poonam Ghuli	Creation of Open Educational Resource (OER) Activity: Flipping the Classroom with Moodle	Journal of Seybold Report International Vol 15 Issue 7 pp. 965-975, July 2020
70.	Pallavi Deshwal, Dr. Poonam Ghuli	DevOps: Concept, Technology and Tools	International Journal of Computer Sciences and Engineering, International Vol 8 Issue 6 June 2020, pp 73-78
71.	Shiva Sagar Shetty, Poonam G, Sadhana Ashar	Log Analyzer for Update Manager	International Journal of Engineering and Advanced Technology, Vol 9Issue 5 June 2020, pp 328-330
72.	Apurb, Milan Sai, Avi Agarwal, D Ravi, Dr. Poonam Ghuli,	Heart Disease Prediction using Machine Learning Algorithms	International Journal of Engineering Research & Technology, Vol.12 No.3(2021), 3395-3404 Vol 9 Issue 4 April-2020, pp. 659-662
73.	Dr. Poonam Ghuli	Context Storage Using Cloud-Based Mongodb With Rule-Based Rete Algorithm IT in Industry	International Vol 9 Issue 2 1022-1030, April 2021
74.	Dr. Poonam Ghuli, Manoj Kartik R, Mohammed Amaan, Mridul Mohta, N Kruthik Bhushan,Shobha G	Recommendation System for SmartMart-A Virtual Supermarket	Advances in Science, Technology and Engineering Systems Journal, Vol 5 Issue 6 1408-1413, Dec (2020)
75.	Sharanya Shankar, Shubhra Verma, Sriya Elavarthy, Trishala Kiran, Poonam Ghuli	Analysis and Prediction of chronic Kidney Disease	International Research Journal of Engineering Technology, International Vol 7 Issue 5 May 2020, pp. 4536-4541.
76.	ShantaKumar ,Dr Nagaraja G.S	Multimodal Biometric Authentication System Using Face and Voice Features	Solid State Technology International Vol.63 Issue 6 Nov 2020, pp.15969-15987
77.	Shantakumar, Dr Nagaraja G.S, Mustafa B	Performance Evolution of Face and Speech Recognition system using DTCWT and MFCC Features	Turkish Journal of Computer and Mathematics Education Vol.12 No.3 Issue 3 March 2O2113395-3404