



Department of Computer Science and Engineering

Conference Publications

Sl.no	Faculty Name	Paper Title	Conference Name
1.	Meghana, Anisha B, , and Dr Ramakanth Kumar P,	Monitoring Health of Edge Devices in Real-Time,	International Conference on Intelligent Computing, Information and Control Systems (ICICCS), 25-26 June 2020.
2.	Nikhil R, Prof. Anisha B S, Dr Ramakanth Kumar P	Real-Time Monitoring of Agricultural Land with Crop Prediction and Animal Intrusion Prevention using Internet of Things and Machine Learning at Edge	Presented in International Conference on Intelligent Computing, Information and Control Systems (ICICCS), 25-26 June 2020
3.	Vardhan, K. A., Jakaraddi, M., Shobha, G., Shetty, J., Chala, A., & Camper, D	Design and Development of IoT Plugin for HPC Systems	IEEE 4th International Conference on Big Data Analytics (ICBDA) (pp. 158-162). IEEE.
4.	Suma, B., & Shobha, G.	A Greedy Approach to Hide Sensitive Frequent Itemsets with Reduced Side Effects.	In International Conference on Remote Engineering and Virtual Instrumentation (pp. 849-858). Springer, Cham.
5.	Shetty, J., Sajjan, R., & Shobha, G	Task Resource Usage Analysis and Failure Prediction in Cloud.	In 2019 9th International Conference on Cloud Computing, Data Science & Engineering (Confluence) (pp. 342-348). IEEE.
6.	Natarajan, A., Bharat, K., Kaustubh, G. R., Moharir, M., Srinath, N. K., & Subramanya, K. N.	An Approach to Real Time Parking Management using Computer Vision	2nd International Conference on Control and Computer Vision (pp. 18-22). ACM.
7.	Babu, N., & Soumya, A	Character Recognition in Historical Handwritten Documents–A Survey	International Conference on Communication and Signal Processing (ICCSP) (pp. 0299- 0304). IEEE.
8.	Ravish, R., Gupta, V. R., Nagesh, K. J., Karnam, A., & Rangaswamy, S	Software Implementation of an Automatic Movable Road Barrier	International Carnahan Conference on Security Technology (ICCST) (pp. 1-6). IEEE.



9.	Shanta Rangaswamy Roopa Ravish, Datthesh Shenoy	Sensor Based Traffic Control System”, Global AI Congress	An International Conference on Artificial Intelligence(IEM IC:59),Kolkata, 2019..
10.	Ashmita Raju, Ramya Ramanathan and Dr. Hemavathy R	A Comparative Study of Spark Schedulers’ Performance	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
11.	Prof. Srividya MS, Dr. Anala MR, Dushyanth NM and Datla V. Satya K. Raju	Hand Recognition and Motion Analysis using faster RCNN	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
12.	G. S. Nagaraja, Avinash B Soppimath, T. Soumya and Abhinith A	IOT BASED SMART AGRICULTURE MANAGEMENT SYSTEM	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
13.	Sriram N Rao, Srinivas Prabhu, Shobha G and Deepamala N	Time Series Forecasting methods suitable for prediction of CPU usage	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
14.	Sriram N Rao, Shivani Hariprasad, Prapulla S B, Maghup Gupta, Shobha G and Sai Aneesh Reddy	Using virtual reality to boost the effectiveness of brain-computer interface applications	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
15.	Rajayogi J R, Manjunath G and Shobha G	Indian Food Image Classification with Transfer Learning	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
16.	Bhargavi K and B. Sathish Babu	Load Balancing Scheme for the Public Cloud using Reinforcement Learning with Raven Roosting Optimization Policy (RROP)	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
17.	Yukti Sharma, Rikku Veliyambara and Prof. Rajashree Shettar	Hybrid Classifier for Identification of Heart Disease	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019



18.	Swapna Rao P and Dr. Soumya A	A Study on Music based Audio and Brain Signal Processing”, CSITSS 2019	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
19.	Aishwarya Seth, Satish Babu B. and S.S. Iyenger	Machine Learning Model for Predicting Insomnia Levels in Indian College Students	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
20.	Jayashree N and B Sathish Babu	ElGamal-based Privacy-Preseving Scheme (EPPS) for Edge-Cloud-of-Things (ECoT)	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
21.	Akshar Prasad, Roger Dev, Shobha G and Jyothi Shetty	Machine Learning Techniques to Detect Fraud in Credit Cards ontheHPCC Systems Platform	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
22.	Sourabh S Badhya, Akshar Prasad, Shetty Rohan, Yashwanth Y S, Deepamala N and Shobha G	Natural Language to Structured Query Language using Elasticsearch for descriptive columns	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
23.	Akshar Prasad, Shobha G, Deepamala N, Sourabh S Badhya, Yashwanth YS and Shetty Rohan	Machine Learning Techniques to Understand Partial and Implied Data Values for Conversion of Natural Language to SQL Queries on HPCC System	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
24.	Jainil Viren Parikh, Abhiram Natarajan and B Sathish Babu	Library Automation System: Book cover recognition using deep learning	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
25.	Veena Gadad and Sowmyarani C N	A novel utility metric to measure information loss for generalization and suppression techniques in Privacy Preserving Data publishing	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
26.	A. Suryanarayanan, Arjuna Chala, Lili Xu, Shobha G, Jyoti Shetty and Roger Dev	Design and Implementation of Machine Learning Evaluation Metrics on HPCC Systems	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019



27.	Sathvik K R, Shobha G, Jyoti Shetty and Dan Camper	Design and Implementation of Octave Plugin for HPCC Systems	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
28.	H.S. Srihari, Aishwarya Seth and Dr. Sowmyarani C.N	Evaluation of Internal Factors in Driver Distraction	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
29.	Deeksha Shravani, Prajwal Y R, Prapulla S B, Girish Rao Salanke N S, Shobha G and Syed Farhan Ahmad	A Machine Learning Approach to Water Leak Localization	4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), 2019
30.	Veena Gadad, Sowmyarani C N, Dr. Ramakanth Kumar P	Role of privacy attacks and utility measures in crowdsourcing	International conference on Urban data science January, 20-21, 2020.
31.	A Harish, S Jhavar, BS Anisha, Dr. Ramakanth Kumar P	Implementing machine learning on edge devices with limited working memory	International conference on inventive communication and computational technologies, 2019.
32.	Shubham Milind Phal, Girish Roa, Shobha, Prapulla	Intelligent Meters for Urban Domestic Water Consumption	IEEE International Conference on Cloud Computing in Emerging Markets, (CCEM), Bengaluru, DOI: 10.1109/CCEM48484.2019.0001 3, 19th, 20th Sept, 2019, pp 59-63.
33.	Deeksha Shravani Prajwal Y R Prapulla S B ;Girish RaoSalanke N S Shobha G	Cloud based Water leakage and localization	IEEE International Conference on Cloud Computing in Emerging Markets, (CCEM), Bengaluru. DOI: 10.1109/CCEM48484.2019.0001 3, 19th, 20th Sept, 2019, pp 86-91.
34.	Tanmay, Shobha, Shubham, Jyothi, Yatish	Massively Scalable Image Processing on the HPCC Systems Big data Platform	ICSIM '20: Proceedings of the 3rd International Conference on Software Engineering and Information Management January 2020 Pages 26– 31 https://doi.org/10.1145/3378936.3378978



35.	SeshaKalyur, Nagaraja G.S	Evaluation of Graph Algorithms for Mapping Tasks to Processors	3rd EAI International Conference on Ubiquitous Communications and Network Computing, UBICNET, Feb 28-29, 2020, Bengaluru, India. (Springer).
36.	SeshaKalyur, Nagaraja G.S	Efficient Graph Algorithms for Mapping Tasks to Processors	3rd EAI International Conference on Ubiquitous Communications and Network Computing, UBICNET, Feb 28-29, 2020, Bengaluru, India. (Springer).
37.	G. S. Nagaraja, Avinash B Soppimath, T. Soumya, Abhinith A	IoT based smart agriculture management system	IEEE International Conference on 2016CSITSS , pp.56-60, December-20-21 th, RVCE-2019, Bengaluru, India. (IEEE).
38.	Abhiram Natarajan, Keshav Bharat, Guru Rajesh Kaustubh, Minal Moharir, NK Srinath, KN Subramanya	An Approach to Real Time Parking Management using Computer Vision, ICCCV 2019	The 2nd International Conference on Control and Computer Vision Jeju Republic of Korea June, 2019, ISBN:978-1-4503-6322-8, pp:18-22.
39.	S Nitin Pandit, Rohit Mohan Krishna GVL, R Akash, Minal Moharir	Cloud Based Smart Parking System for Smart Cities	International Conference on Smart Systems and Inventive Technology (ICSSIT), 27-29 Nov. 2019, DOI: 10.1109/ICSSIT46314.2019.8987592, Page(s): 354 - 359
40.	Jaswanth Marri, Sunder Manishankar, D. Radha, Minal Moharir	Implementation and Analysis of Adaptive Odd-Even Routing in Booksim 2.0 Simulator	International Conference on Communication and Electronics Systems (ICCES), 17-19 July 2019, DOI: 10.1109/ICCES45898.2019.9002391, pp-240-244