



Department of Computer Science and Engineering

International Conference Publications (2021_22)

| Sl.No. | Publication Details |
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| 1. | Dr. Shobha G and Prof. Jyoti Shetty, Hybrid Density-based Adaptive Clustering using Gaussian Kernel and Grid Search 2021 6th IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2021)" Bangalore, India 27th - 28th August, 2021 |
| 2. | Dr. Shanta Rangaswamy, Intelligent Traffic Violation Detection IEEE Global Conference for Advancement in Technology - GCAT 2021, 01-03 October 2021 Bangalore, India, |
| 3. | Dr. Ramakanth Kumar P, Dr. Minal Moharir and Dr. Deepamala N, Analysis and Detection of malicious activity on DoH traffic 2021 IEEE Global Conference for Advancement in Technology, 01-03 October 2021, Bangalore, India |
| 4. | Dr. Ashok Kumar and Prof. Girish Rao Salanke N.S, Resolving Coverage and Interference conflicts in 5G, IEEE ANTS 2021, Hyderabad, India, 13-16 December , 2021 |
| 5. | Dr. Ramakanth Kumar P, Dr. Minal Moharir and Dr. Deepamala N, An Insight into Encrypted DNS protocol: DNS over TLS 4th IEEE International Conference on Recent Developments in Control, Automation & Power Engineering (RDCAPE-2021). Noida, India , December 10, 2021. |
| 6. | Dr. Rajashree Shettar, Dr. Poonam Ghuli Spam Detection Over Call Transcript Using Deep Learning Proceedings of the Future Technologies Conference (FTC) 2021 Vancouver, Canada 28-29 October 2021 |
| 7. | Dr Soumya A, Dr Sumalatha Aradhya, Shashi Kumar, Rudraradhya P, Thejaswini S Real Time Vehicle Tracking, Information Retrieval and Motion Analysis using Machine Learning 2021 International Conference on Intelligent Technologies (CONIT) Hubli, India, 25-27 June 2021 |
| 8. | Dr. Minal Moharir Deep Learning based Campus Assistive Chatbot <i>IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS), 2021</i> Bangalore, India, 16-18 December 2021 |
| 9. | Dr. Minal Moharir Efficient Mask Detection System for Low Powered Micro-Computer <i>IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS), 2021</i> Bangalore, India, 16-18 December 2021 |
| 10. | Manonmani S and Dr. Shanta Rangaswamy, Underwater Mine Detection Using Histogram of oriented gradients and Canny Edge Detector 2021 International Carnahan Conference on Security Technology (ICCST) Noida, India, 21 March 2022 |



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| 11. | Dr. Shobha G and Prof. Jyoti Shetty Performance Skew Prediction in HPCC Systems 12th International Conference on Cloud Computing, Data Science and Engineering (Confluence 2022) Noida, India, 21 March 2022 |
| 12. | Mahesh Subray Hegde, Sukrutha C Basappa, Nagaraja G.S Smart dry and wet waste management using IoT” 5th Edition IEEE International Conference on Computational Systems and Information Technology for Sustainable Solution(CSITSS-2021) Bangalore, India, 16-18 December 2021 |
| 13. | Nagaraja G.S , A_detailed_Analysis_of_Lightweight_Cryptographic_techniques_on_Internet-of-Things, 5th Edition IEEE International Conference on Computational Systems and Information Technology for Sustainable Solution(CSITSS-2021) Bangalore, India, 16-18 December 2021 |
| 14. | Vanishree, K., Nagaraja, G.S. (2021). Novel Secure Scheme for On-Field Sensors for Data Aggregation in Precision Agriculture. In: Silhavy, R. (eds) Software Engineering and Algorithms. CSOC 2021. Lecture Notes in Networks and Systems, vol 230. Springer, Cham. https://doi.org/10.1007/978-3-030-77442-4_37 |
| 15. | Girish Rao Salanke NS,Rameshwar Garg, Chandana Kiran Ambekar, Kaustuv Saha PROFCAD: An Algorithm to Detect Anomalies in Cloud Applications for KPI Monitoring Systems Software Engineering and Algorithms 10th Virtual Conference, Bangalore, India, 16-18 December 2021 |
| 16. | Dr Poonam Ghuli, Sajjan Kiran, Umesh Patil, P Siddarth Shankar, Subtitle Generation and Video Scene Indexing using Recurrent Neural Networks 2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA-2021) |
| 17. | Smriti Srivastava, Adithi Viswanath , Krithika Venkatesh, and Dr. Minal Moharir TDMA Based Adaptive Multicasting in wireless NoC Proceedings of the Future Technologies Conference (FTC),Vancouver, Canada on October 28-29, 2021 Vancouver, Canada28-29 October 2021 |
| 18. | Sushma S Ankad, Shivaprasad Rai B, Dr. Azra Nasreen, Dr. Surbhi Mathur, Dr. Ramakanth Kumar P, Dr. Sreelakshmi K object size measurement of CCTV footages using deep learning Proceeding of 6th International Conference on ICISC- Coimbatore, Jan 6-7,2022 |
| 19. | Vinay Hegde, vihaan nama, satish babu Sentiment Analysis of Movie Review :A comparative study between Naïve bayes classifier and Rule based approach” 2021 IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) Bangalore, India, 16-18 December 2021 |



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| 20. | Sandhya. S, Karthik S, Supreetha H V <i>Detection of Anomalies in Time Series Data</i> 5th IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) Bangalore, India, 16-18 December 2021 |
| 21. | Dr. Sowmyarani C N TCP Attack Detection Using Dynamic Threshold 5th IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) Bangalore, India, 16-18 December 2021 |
| 22. | N Dey, S Samhitha, M Hariprasad, A Anand, Veena Gadad Analysis of Machine Learning Algorithms by Developing a Phishing Email and Website Detection Model 5th IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) Bangalore, India, 16-18 December 2021 |
| 23. | Sneha M, Dr. Kotaro Kotaoka and Dr. Shobha G BO-RL: Buffer Optimization in Data Plane using Reinforcement Learning The 35th International Conference on Advanced Information Networking and Applications (AINA-2021), Ryerson University, Toronto, Canada, May 12 - 14, 2021 |
| 24. | Sathvik C, Srishti Moorthy, Nidhi K, Dr. Badari Nath K, "SmartZ COVID-19 Smart Door", 2021 IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS), Hosted by RV College Of Engineering, Bangalore and Florida International University, Miami, USA, 16 th December, 2021, ISBN: 978-1-6654-0610- 9/21. (Best Paper Award) https://doi.org/10.1109/CSITSS54238.2021 ; https://ieeexplore.ieee.org/xpl/conhome/9682669/proceeding |
| 25. | Dr. Shanta Rangaswamy and Prof. Jyoti Shetty Poverty Detection using Satellite Imagery, 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) I-SMAC 2021, Tirunelveli, India, 11-13, November 2021 |
| 26. | Dr. Praveena T, Traffic Violation using Distance Estimation and CNN, Thirteenth International Conference on Recent Trends in Information, Telecommunication and Computing – ITC 2022, Bengaluru, India, Jan 27-28, 2022 |
| 27. | Dr. Poonam Ghuli, Shiva Kumar C and Siddhaling Urolagin Cognition of Using UnQL Querying in Context database with decision tree 3rd International Conference on Inventive Research in Computing Applications ICIRCA 2021 Jaipur, India, 8-10, September 2021 |
| 28. | Swarna M Patra, Prapulla S B, K N Subramanya, Uma B V Strategies for Enhancing Critical Thinking of 21st Century Learners "Critical Thinking for GenZ-Multidisciplinary Approach (CTGZMA-2021)" 28th-29th October 2021 |
| 29. | Prapulla S B, Swarna M Patra, K N Subramanya, Uma B V India's Rich Heritage of Liberal Arts integrated with Higher Education for Transforming lives" International Conference on Transformations in Engineering Education Bangalore, India, January 7-9, 2022 |



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Kumaraskanda B B, Krithi D Shetty , Harish S Pukale, Nidhi K ,Prapulla S B ,Shobha G
Structural health monitoring of Water pipes International Conference on Transformations in
Engineering Education,ICCR 2021, Oct 01st - 03rd, 2021.Mysore