

Prof. Jyoti Shetty

Journal Publications

1. Shetty, Jyoti; Anala, MR; Shobha, G; ,A Survey on Techniques of Secure Live Migration of Virtual Machine.,International Journal of Computer Applications,39,2012.
2. Jyoti shetty, Anala M R, Shobha G; ,A Study on Cloud Forensics: Challenges, Tools and CSP Features,CiiT, Biometrics and Bioinformatics,6,6,149-153,2014.
3. Shetty, Jyoti; Anala, MR; Shobha, G; ,An approach to secure access to cloud storage service,International Journal of Research,2,1,364-368,2015.
4. Ankush Sharma, Jyoti Shetty; ,Advanced Medical Image Viewer for X-Ray Images,International Journal of Innovative Technology and Research,,,,,2015.
5. Jyoti Shetty, Shobha G, Anala M R; ,A State-of-art Comparison of Opensource IaaS Cloud Softwares,American International Journal of Research in Science, Technology, Engineering & Mathematics,10,1,26-30,2015.
6. Shetty, Jyoti; Upadhaya, Sahana; Rajarajeshwari, HS; Shobha, G; Chandra, Jayant; ,An empirical performance evaluation of docker container, openstack virtual machine and bare metal server,Indonesian Journal of Electrical Engineering and Computer Science,7,1,205-213,2017.
7. Sahana Upadhya, Jyoti Shetty, Raja Rajeshwari H S, Dr. G Shobha; ,A State-of-Art Review of Docker Container Security Issues and Solutions,American International Journal of Research in Science, Technology, Engineering & Mathematics,17,1,33-36,2017.
8. Shetty, Jyoti; Babu, B Sathish; Shobha, G; ,Proactive cloud service assurance framework for fault remediation in cloud environment.,International Journal of Electrical & Computer Engineering (2088-8708),10,1,,2020.
9. A Sudarshan, S Dirisam, J Shetty, GRS NS; ,Review of Protocols used in Enterprise Networks,International Journal of Engineering Research & Technology,8,5,53-56,2019.
10. Prapulla, SB; Shetty, Jyoti; Kulkarni, Vinay A; Subramanya, KN; Uma, BV; Kumar, P Ramakanth; Shobha, G; ,Design and Analysis of an Online Course using Moodle Platform,Journal of Engineering Education Transformations,33,,270-274,2020.
11. Upadhya, Sahana; Shetty, Jyoti; Raja Rajeshwari, HS; Shobha, G; ,A State-of-Art Review of Docker Container Security Issues and Solutions,American International Journal of Research in Science, Technology, Engineering and Mathematics,17,,33-36,2017.

12. Bhadauria, Anurag Singh; Bain, Atreya; Shetty, Jyoti; Shobha, G; Chala, Arjuna; Clements, Jeremy; ,Design and Implementation of HSQL: A SQL-like language for Data Analysis in Distributed Systems,International Journal of Advanced Computer Science and Applications,12,11,,2021.
13. Karthik, Ambu; Shetty, Jyoti; Shobha, G; Dev, Roger; ,Implementation of generative adversarial networks in HPC systems using GNN bundle,IAES International Journal of Artificial Intelligence,10,2,374,2021.
14. Yatish, HR; Shubham, Milind Phal; Hukkeri, Tanmay Sanjay; Xu, Lili; Shobha, G; Shetty, Jyoti; Chala, Arjuna; ,Massively scalable density based clustering (DBSCAN) on the HPC systems big data platform,IAES International Journal of Artificial Intelligence,10,1,207,2021.
15. Cummaragunta, Sriram Narayana, K. S. Srinandan, and Jyoti Shetty. "Wrong side driving detection" International journal of technology and emerging sciences 2.3 (2022): 5-9.
16. Pasha Syed, Abdu Rehaman, et al. "Implementation of ensemble machine learning algorithms on exome datasets for predicting early diagnosis of cancers." BMC bioinformatics 23.1 (2022): 1-24.
17. Jyoti Shetty, Karthik Cottur, G. Shobha, and Y. R. Prajwal, "A Weighted Ensemble of VAR and LSTM for Multivariate Forecasting of Cloud Resource Usage", Journal of Advances in Information Technology, Vol. 14, No. 2, pp 264-270, 2023.
18. Maheshwari, R., Sriram Praveen, V. A., Shobha, G., Shetty, J., Chala, A., & Watanuki, H. (2023). Illicit activity detection in bitcoin transactions using timeseries analysis. International Journal of Advanced Computer Science and Applications, 14(3) doi:<https://doi.org/10.14569/IJACSA.2023.0140302>

Conference Presentation and Publications

1. Anala, MR; Shetty, Jyoti; Shobha, G; ,A framework for secure live migration of virtual machines,2013 International Conference on Advances in Computing, Communications and Informatics (ICACCI),243-248,2013.
2. Shetty, Jyothi; Saxena, Shiva; Shobha, G; Rastogi, Jagat; ,Monitoring OpenStack Services Using Nagios,Emerging Research in Computing, Information, Communication and Applications,485-495,2015.
3. Anchalia, Prajesh P; Gupta, Pracheta; Shetty, Jyoti; ,A customized dashboard for vm provisioning using openstack,2015 7th International Conference on Computational Intelligence, Communication Systems and Networks,,177-182,2015.
4. Shetty, Jyoti; Shobha, G; ,An ensemble of automatic algorithms for forecasting resource utilization in cloud,2016 Future Technologies Conference (FTC),301-306,2016.
5. Mishra, Harsh; Chala, Arjuna; Camper, Dan; Shetty, Jyoti; ,Data Skew Profiling using HPC Systems,Proceedings of the 2019 International Conference on Big Data and Education,66-69,2019.
6. Shetty, Jyoti; Sajjan, Rahul; Shobha, G; ,Task resource usage analysis and failure prediction in cloud,2019 9th International Conference on Cloud Computing, Data Science & Engineering (Confluence),342-348,2019.

7. Sushma, M; Niroop, RS; Shetty, Jyothi; ,A lightweight performance measurement framework for a Virtual Machine on cloud,2016 International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS),404-408,2016.
8. Prasad, Akshar; Dev, Roger; Shobha, G; Shetty, Jyothi; ,Machine Learning Techniques to Detect Fraud in Credit Cards on the HPCC Systems Platform,2019 4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS),4,44568,2019.
9. Hukkeri, Tanmay Sanjay; Phal, Shubham Milind; Shetty, Jyothi; Mohammed, Naweed; ,Massively Scalable Image Processing on the HPCC Systems Big Data Platform,Proceedings of the 3rd International Conference on Software Engineering and Information Management,26-31,2020.
10. Vardhan, KS Amogh; Jakaraddi, Manjunath; Shobha, G; Shetty, Jyoti; Chala, Arjuna; Camper, Dan; ,Design and development of iot plugin for hpcc systems,2019 IEEE 4th International Conference on Big Data Analytics (ICBDA),,,158-162,2019.
11. Sathvik, KR; Shobha, G; Shetty, Jyoti; Camper, Dan; ,Design and Implementation of Octave Plugin for HPCC Systems,2019 4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS),4,,44566,2019.
12. Sandeep, KB; Raghavendra, M; Shetty, K Jyoti; ,Performance analyzer: An approach for performance analysis of enterprise servers,2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT),,,480-484,2016.
13. Suryanarayanan, A; Chala, Arjuna; Xu, Lili; Shobha, G; Shetty, Jyoti; Dev, Roger; ,Design and Implementation of Machine Learning Evaluation Metrics on HPCC Systems,2019 4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS),4,,44568,2019.
14. Shourya, TR; Gowthami, T; Mangal, Mayank; Panda, Meghna; Sunanda, C; Shetty, Jyoti; ,Collaborative Filtering Techniques for Recency Frequency Monetary Analysis,2020 Second International Conference on Inventive Research in Computing Applications (ICIRCA),520-524,2020.
15. Karthik, Ambu; Mishra, Harsh; Jayanth, S; Shobha, G; Shetty, Jyoti; ,Performance Skew Prediction in HPCC Systems,2022 12th International Conference on Cloud Computing, Data Science & Engineering (Confluence),94-97,2022.
16. Jenni, Varsha R; Dua, Akhil; Shobha, G; Shetty, Jyoti; Dev, Roger; ,Hybrid Density-based Adaptive Clustering using Gaussian Kernel and Grid Search,2021 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT),221-226,2021.
17. Thejas, BU; Dhulkhed, Sreedhar S; Shetty, Jyoti; Swamy, Shantha Ranga; , Poverty Detection using Satellite Imagery,2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC),1293-1298,2021.
18. Karthik A, Mishra H, Jayanth S, Shobha G, Shetty J. Performance Skew Prediction in HPCC Systems. In 2022 IEEE 12th International Conference on Cloud Computing, Data Science & Engineering (Confluence) 2022 Jan 27 (pp. 94-97).
19. A. Anand, M. Hariprasad, N. Dey, S. S, J. Shetty and S. G, "Examining Deep Learning Methods For The Detection Of Sepsis," 2022 6th International

Conference On Computing, Communication, Control And Automation (ICCUBEA, Pune, India, 2022, pp. 1-6, doi: 10.1109/ICCUBEA54992.2022.10010584.

20. S. Dasu, S. G and J. Shetty, "Analysis of the Surface Water Quality in the State of Karnataka using Distributed Platform," 2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2023, pp. 284-287, doi: 10.1109/ICACCS57279.2023.10112732.