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**List of Publications:**

**Journal:**

1. SK Jayadivya, Jaya S Nirmala, Mary Saira S Bhanu (2012), “Fault tolerant workflow scheduling based on replication and resubmission of tasks in Cloud Computing”, International Journal on Computer Science and Engineering, Volume 4, Issue 6, ISSN : 0975-3397, pp. 996-1006.
2. S Jaya Nirmala, S Mary Saira Bhanu, Ahtesham Akhtar Patel (2012), “A comparative study of the secret sharing algorithms for secure data in the cloud”, International Journal on Cloud Computing: Services and Architecture (IJCCSA), Volume 2, No. 4, DOI : 10.5121 , pp. 63-71.
3. S Jaya Nirmala, S Mary Saira Bhanu (2016), “Catfish-PSO based scheduling of scientific workflows in IaaS cloud”, Computing, Volume 98, Issue 11, pp. 1091-1109.
4. S Jaya Nirmala, N Tajunnisha, S Mary Saira Bhanu (2016), “Service provisioning of flexible advance reservation leases in IaaS clouds”, International Journal of Big Data Intelligence, Volume 3, Issue 3, pp. 154-162.
5. Ahtesham Akhtar Patel, S Jaya Nirmala, S Mary Saira Bhanu (2012), “Security and availability of data in the cloud”, Advances in Computing and Information Technology, AISC, Volume 176, pp. 255-261.
6. Amrith Rajagopal Setlur, S Jaya Nirmala, Har Simrat Singh, Sudhanshu Khoriya (2020), “An efficient fault tolerant workflow scheduling approach using replication heuristics and checkpointing in the cloud”, Journal of Parallel and Distributed Computing, Volume 136, pp. 14-28.

7. Chandra Prakash Singh Sengar, S Jaya Nirmala (2020), "Sarcasm Detection in Tweets as Contrast Sentiment in Words Using Machine Learning and Deep Learning Approaches", International Conference on Machine Learning, Image Processing, Network Security and Data Sciences, pp. 73-84.
8. AS Sreelakshmi, SB Abhinaya, Aishwarya Nair, S Jaya Nirmala (2019), "A Question Answering and Quiz Generation Chatbot for Education", 2019 Grace Hopper Celebration India (GHCI), IEEE, pp. 1-6.
- 9 Chandra Prakash Singh Sengar, S Jaya Nirmala (2019), "Label Assignment and Sentimental Analysis for a Product Review on Twitter Data", International Conference on Soft Computing and Signal Processing, pp. 199-208.
- 10 Swapna Johnny, S Jaya Nirmala (2019), "Key Phrase Extraction System for Agricultural Documents", International Conference on Information, Communication and Computing Technology, pp. 240-252.
11. Vibhashree Deshmukh, S Jaya Nirmala (2019), "Open Domain Conversational Chatbot", International Conference on Information, Communication and Computing Technology, pp. 266-278.
12. Aakansha Soni, S Jaya Nirmala (2018), "Towards Stream Based Intrusion Detection System", 2018 9th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IEEE, pp. 1-6.
13. S Jaya Nirmala, Shah Maulik, S Mary Saira Bhanu (2013), "SLA achievement by negotiation in a cloud", Proceedings of the 6th ACM India Computing Convention, pp. 1-4.
14. N Tajunnisha, S Jaya Nirmala, S Mary Saira Bhanu (2013), "Service Provisioning based on Advanced Reservation and Deadline Sensitive Leases In IaaS Cloud", IEEE, **DOI:** 10.1109/CCEM.2013.6684442.