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PATENT: 01

1. “A Framework for Reliability & Performance Analysis of Safety-Critical System using Stochastic Modeling,” 202031014381, Published, 05/2020.

JOURNAL PUBLICATIONS: 26

➤ Research Papers in SCI/SCIE/Scopus Indexed Journals: 22

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3. Medha Kirti, **Ashish Kumar Maurya**, and Rama Shankar Yadav, “A Fault-tolerant Model for Tuple Space Coordination in Distributed Environments,” *Concurrency and Computation: Practice and Experience*, Wiley, Vol. 36, No. 1, pp. e7884, 2023.
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6. Sushil Kumar Maurya, Dinesh Singh, and **Ashish Kumar Maurya**, “Deceptive opinion spam detection using feature reduction techniques,” *International Journal of Systems Assurance Engineering and Management*, Springer, pp. 1-21, 2023.
7. Niharika Keshari, Dinesh Singh, **Ashish Kumar Maurya**, “DoSRT: A Denial-of-Service Resistant Trust Model for VANET,” *Cybernetics and Information Technologies, Sciendo*, Vol. 23, No. 4, pp. 165-180, 2023.
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12. Dinesh Singh, **Ashish Kumar Maurya**, Ranvijay, and Rama Shankar Yadav, “CRLMDA: CRL Minimization and Distribution Algorithm in Cluster-based VANETs,” *International Journal of Communication Networks and Distributed Systems*, Inderscience, Vol 29, No. 3, pp. 239-267, 2022.
13. Avaneesh Kumar Yadav, **Ashish Kumar Maurya**, Ranvijay, and Rama Shankar Yadav, “Extractive Text Summarization Using Recent Approaches: A Survey,” *Ingénierie des Systèmes D Information*, IIETA, Vol. 26, No. 1, pp. 109-121, 2021.
14. Vinay Kumar, **Ashish Kumar Maurya**, Karam Veer Singh, Lalit Kumar Singh, Pooja Singh, Aditya Narayan Hati, and Vibhav Prakash Singh, “Safety analysis of safety-critical systems for their applicability on NPP systems: A state-of-the-art review,” *Quality and Reliability Engineering International*, Wiley, Vol. 37, No. 5, pp. 1796-1831, 2021.
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1. Medha Kirti, **Ashish Kumar Maurya**, and Rama Shankar Yadav, “Fault Tolerance of Deadline Constrained Tasks based on Load Balancing in Cloud Computing,” 14th International Conference on Computing, Communication and Networking Technologies (ICCCNT), pp. 1-6, IIT Delhi, Delhi, India, July 06-08, 2023.
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 7. **Ashish Kumar Maurya**, Dipty Tripathi, Amit Biswas and Anil Kumar Tripathi, “Design Issues in Distributed Software,” *In the Proceedings of the Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)*, pp. 563-567, JUIT, Solan, H.P., India, December 20-22, 2018.
 8. **Ashish Kumar Maurya**, and Anil Kumar Tripathi, “An Energy Aware Edge Priority-based Scheduling Algorithm for Multiprocessor Environments,” *In Proceedings of the 24th International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA’18)*, pp. 42-46, Las Vegas, Nevada, USA, July 30 - August 2, 2018. [ERA B ranked]
 9. **Ashish Kumar Maurya**, and Anil Kumar Tripathi, “Deadline-Constrained Algorithms for Scheduling of Bag-of-Tasks and Workflows in Cloud Computing Environments,” *In Proceedings of the Second International Conference on High Performance Compilation, Computing and Communications 2018, (HP3C-2018)*, pp. 6-10, **Hong Kong**, March 15-17, 2018.
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4. Dinesh Kumar, **Ashish Kumar Maurya**, and Gaurav Baranwal, “IoT services in healthcare industry with fog/edge and cloud computing.” In: Singh et al. (eds.), *IoT-Based Data Analytics for the Healthcare Industry: Techniques and Applications*. Academic Press, Elsevier, Chapter 6, pp. 81-103, 2021. [ISBN: 9780128214763]