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**Research  
Publications:**

**Book-Published:**

1. Saha, Suman, and Shailendra Shukla. *Advanced Data Structures: Theory and Applications*. CRC Press, 2019.
2. S.Shukla, AK.Singh, G.Srivastava: *Internet of Multimedia Things (IoMT): Techniques and Applications*. Elsevier,2022

**Journal-Published:**

1. Singh, Uday, Shailendra Shukla, and Manoj Madhava Gore. "Functional Connectivity and Graph Embedding-Based Domain Adaptation for Autism Classification from Multi-site Data." *Arabian Journal for Science and Engineering* (2024): 1-20.
2. Shukla, Pushpak, and Shailendra Shukla. "Exploring the potential of deep regression model for next-location prediction." *Knowledge and Information Systems* (2024): 1-32.
3. Singh, Uday, Shailendra Shukla, and Manoj Madhava Gore. "Detection of autism spectrum disorder using multi-scale enhanced graph convolutional network." *Cognitive Computation and Systems* (2024).
4. Shukla, Shailendra. "Angle-based critical nodes detection (ABCND) for reliable industrial wireless sensor networks." *Wireless Personal Communications* (2023): 1-19.
5. Sharma, P., Nisha, Shukla, S., Vasudeva, A. (2023). *An Era of Mobile Data Offloading Opportunities: A Comprehensive Survey*. *Mobile Networks and Applications*, 1-16.
6. Shukla, Shailendra. "Target node selection for data offloading in partially connected vehicular ad hoc networks." *International Journal of Ad Hoc and Ubiquitous Computing* 42.2 (2023): 113-123.
7. Shukla, Shailendra. "Reliable critical nodes detection for Internet of Things (IoT)." *Wireless Networks* 27.4 (2021): 2931-2946.
8. Sharma, Prince, Shailendra Shukla, and Amol Vasudeva. "Data offloading via optimal target set selection in opportunistic networks." *Mobile Networks and Applications* (2021): 1-11.
9. Sharma, Prince, Shailendra Shukla, and Amol Vasudeva. "Trust-based Opportunistic Network Offloaders for Smart Agriculture." *International Journal of Agricultural and Environmental Information Systems (IJAEIS)* (2020) (accepted)
10. Rangra, Abhilasha, Vivek Kumar Sehgal, and Shailendra Shukla. "A Novel Approach of Cloud Based Scheduling Using Deep-Learning Approach in E-Commerce Domain." *International Journal of Information System Modeling and Design (IJISMD)* 10.3 (2019): 59-75.
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12. Shukla, Shailendra, Rajiv Misra, and Abhishek Agarwal. "Virtual coordinate system using dominating set for GPS-free adhoc networks." *Annals of Telecommunications* 72.3-4 (2017): 199-208.

13. Shukla, Shailendra, Nishant Kumar, and Rajiv Misra. "Impact of bloom filter on infection rate in epidemic forwarding for ICNs." *Wireless personal communications* 75.4 (2014): 2165-2180.
14. Misra, Rajiv, Shailendra Shukla, and Vivek Chandel. "Lightweight localization using trilateration for sensor networks." *International Journal of Wireless Information Networks* 21.2 (2014): 89-100.
15. Shukla, Shailendra, and Rajiv Misra. "Angle based double boundary detection in wireless sensor networks." *Journal of networks* 9.3 (2014): 612.

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2. Singh, Uday, Shailendra Shukla, and Manoj Madhava Gore. "An Improved Feature Selection Algorithm for Autism Detection." *2022 IEEE 9th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)*. IEEE, 2022.
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4. Shukla, Shailendra, Asheesh Kumar Mani Tripathi, and Amit Kumar Singh. "Energy efficient data communication in the Internet of Multimedia Things (IoMT)." *Internet of Multimedia Things (IoMT)*. Academic Press, 2022. 31-46.
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