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LIST OF PUBLICATIONS

Refereed Journal Papers

- **Sumit Kumar**, Antriksh Goswami, Ruchir Gupta, S. P. Singh and A. Lay-Ekuakille, "A Game-Theoretic Approach for Cost-Effective Multicast Routing in the Internet of Things," in IEEE Internet of Things Journal, vol. 9, no. 18, pp. 18041-18053, 15 Sept.15, 2022, doi: 10.1109/JIOT.2022.3164028.
- **Sumit Kumar**, Ruchir Gupta, K. Lakshmanan and Vipin Maurya, "A Game-Theoretic Approach for Increasing Resource Utilization in Edge Computing Enabled Internet of Things," in IEEE Access, vol. 10, pp. 57974-57989, 2022, doi: 10.1109/ACCESS.2022.3175850.
- **Sumit Kumar**, Antriksh Goswami, Ruchir Gupta, S. P. Singh and A. Lay-Ekuakille, "A Cost-Effective and QoS-Aware User Allocation Approach for Edge Computing Enabled IoT," in IEEE Internet of Things Journal, 2022, doi: 10.1109/JIOT.2022.3210835.
- **Sumit Kumar**, Vipin Maurya, and Ruchir Gupta, Maximizing Resource Utilization by Variable Coverage of Multi-tenant Edge Servers, IEEE Transactions on Cloud Computing, submitted in July 2022.

Refereed Conference Papers

- **Sumit Kumar**, Ruchir Gupta, and K. Lakshmanan, "Multicasting: A Game-Theoretic Perspective," in 4th International Conference on Inventive Research in Computing Applications, submitted in May 2022, Accepted.
- **Sumit Kumar**, Ruchir Gupta, and K. Lakshmanan, "Resource Allocation in Edge Computing: A Game-Theoretic Perspective," in IEEE IAS GUCON, submitted in 2022, Accepted.