

Faculty Profile



Name: Dr. Priyanka Parimi

Designation: Assistant Professor

Teaching Areas: Operating Systems, Data Science

Research Interests: Social Network Analysis, IoT, Fog Computing, Optimization, Soft Computing, Natural Language Processing

Education:

- Ph.D., Computer Science and Engineering, National Institute of Technology, Warangal, India, 2023.
- M.Tech., Computer Science and Engineering, Vaagdevi Engineering College, Warangal, JNTUH, 2015.
- B.Tech. Computer Science and Engineering, Kakatiya Institute of Technology and Science, Kakatiya University, Warangal, 2008.

Research / Selected Publications:

1. **Parimi, Priyanka**, and Rashmi Ranjan Rout. "Genetic algorithm based rumor mitigation in online social networks through counter-rumors: a multi-objective optimization." *Information Processing & Management* 58, no. 5 (2021): 102669.
2. **Parimi, Priyanka**, and Rashmi Ranjan Rout. "FLACORM: fuzzy logic and ant colony optimization for rumor mitigation through stance prediction in online social networks." *Social Network Analysis and Mining* 13, no. 1 (2023): 22.
3. Ali, Hala S., Rashmi Ranjan Rout, **Priyanka Parimi**, and Sajal K. Das. "Real-time task scheduling in fog-cloud computing framework for iot applications: a fuzzy logic based approach." In *2021 International Conference on COMMunication Systems & NETWORKS (COMSNETS)*, pp. 556-564. IEEE, 2021.
4. Sonowal, Ankana, Alekhya Idupulapati, Dileep Booravilli, **Priyanka Parimi**, and Rashmi Ranjan Rout. "An improved model for dynamic opinion updates in online social networks." In *2020 IEEE 4th Conference on Information & Communication Technology (CICT)*, pp. 1-6. IEEE, 2020.
5. Ghosh, Bedatrayee, **Priyanka Parimi**, and Rashmi Ranjan Rout. "Improved attribute-based encryption scheme in fog computing environment for healthcare systems." In *2020 11th International Conference on Computing, Communication and Networking Technologies (ICCCNT)*, pp. 1-6. IEEE, 2020.
6. Rout, Rashmi Ranjan, Mohammad S. Obaidat, Vineeth Kumar, Nihanth Kumar, and **Priyanka Parimi**. "Learning Automata based Cache Update Policy in Fog-enabled Vehicular Adhoc Networks." In *2022 Asia Conference on Advanced Robotics, Automation, and Control Engineering (ARACE)*, pp. 95-100. IEEE, 2022.