Ipsita Behera, M.Tech.

Designation : Assistant Professor

Department : Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN YEAR 2026)

Contact   : +91 7205984052

Email   : ipsita.behera@silicon.ac.in

RESEARCH INTERESTS
- ✓ Machine Learning
- ✓ Optimization algorithm
- ✓ Task Scheduling
- ✓ Resource Allocation, Provisioning, Scheduling
- ✓ Cloud Computing
- ✓ Blockchain and Technology

Academic Qualifications
- ✓ Ph. D. (CSE) (Cont.), IIIT, Bhubaneswar, India
- ✓ M.Tech. (CSE), Utkal University, Bhubaneswar, India

Teaching Experience/Industrial Experience/Research Experience

PUBLICATIONS

JOURNAL ARTICLES

[1] **I. Behera** and S. Srichandan, "TaskSchedulingOptimization in Heterogeneous Cloud Computing Environments: A Hybrid GA–GWO Approach," *Journal of Parallel and Distributed Computing*, vol. 183, Art. no. 104766, 2024.

[2] **I. Behera** and S. Srichandan, "HTSA: A Novel Hybrid Task Scheduling Algorithm for Heterogeneous Cloud Computing Environments," *Simulation Modelling Practice and Theory*, vol. 137, Art. no. 103014, 2024**.**

[3] **I. Behera**, S. Srichandan, and N. Almakayeel, "Task Offloading in Heterogeneous Mobile Edge Computing Using Metaheuristic Approach for Sustainable Smart City Applications," *Physical Communication*, vol. 73, Art. no. 102893, 2025.

ANY OTHER

[1] Presented the paper "Optimizing Task Scheduling: A New Paradigm in Cloud Computing," at the Sixteenth International Conference on Computing, Communication *and Network Technologies (ICCCNT 2025)*, IEEE, IIT Indore, India, July 5–11, 2025.

[2] Presented the paper "A Synergistic Black Widow–Genetic Algorithm for Performance-Aware Cloud Resource Allocation" at the *Fourth Congress on Smart Computing Technologies (CSCT 2025)*, National Institute of Technology (NIT), Sikkim, India.