Bhagwat Prasad Chaudhury, Ph.D.

Designation : Sr. Assistant Professor

Department : Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN 2004)

Contact **:** +91 9861067397 (M)

Email **:** bhagwat@silicon.ac.in

RESEARCH INTERESTS
- ✓ Wireless Sensor Networks and cloud Computing

Academic Qualifications

Ph. D. (CSE), Siksha 'O' Anusandhan University, India

M.Tech (CS), Utkal University, India

Teaching Experience/Industrial Experience/Research Experience
- ✓ 22 years

PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS

[1] **Bhagwat Prasad Chaudhury**, Ajit Kumar Nayak, "Energy Saving Performance Analysis of Hierarchical Data Aggregation Protocols Used in Wireless Sensor Network", in Proc: International Conference on Intelligent Computing, Communication and Devices(ICCD 2014), pp. 79-89, 2015.

[2] **Bhagwat Prasad Chaudhury**, Rabindra Kumar Dalei, Ajit Kumar Nayak. "HEERAC-A Hybrid Energy Efficient Routing Algorithm based on K-means clustering for Wireless Sensor Networks" Journal of Huazhong University of Science and Technology, Volume-4 Issue-50, 2021, ISSN-1671-4512.

[3] **Bhagwat Prasad Chaudhury**, Samaleswari Pr. Nayak, Ajit Ku Nayak, "CIF:AnIoT-basedPollutionAwarenessModelthroughCarbonlevelMonitoring in Urban

Areas", Turkish Online Journal of Qualitative Inquiry(TOJQI),Volume 12,Issue 6,June2021:1207-1223, (ScopusIndexed)

[4] **Bhagwat Prasad Chaudhury**,Kasturi Dhal, Ajit Kumar Nayak,"FIAC: Fine-grained Access Control Mechanism for Cloud-based IoT Framework" journal of Utility and Grid Computing (Scopus Indexed), 2021. (Accepted)