



Saumyaranjan Dash, Ph.D.

Designation: Associate Professor

Department: Department of Computer Science & Engineering

(JOINED THE INSTITUTE IN 2007)

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RESEARCH INTERESTS

- ✓ Edge Computing
- ✓ Mobile Edge Computing
- ✓ Fog Computing
- ✓ Vehicular Fog Computing

Academic Qualifications

Ph. D: from KIIT Deemed to be University, Bhubaneswar, Odisha.

M. Tech: (Computer Science & Engineering) from B.P.U.T, Odisha.

B.Tech: (Computer Science & Engineering) from KIIT Deemed to be University, Bhubaneswar, Odisha.

Teaching Experience/Industrial Experience/Research Experience

- ✓ 18 Years of Teaching Experience
- ✓ 5 years of Research Experience

PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS:

- [1] Dash, Saumyaranjan, Asif Uddin Khan, Binayak Kar, Santosh Kumar Swain, PrimatarKuswiradyo, Seifu Birhanu Tadele, and Frezer GutetaWakgra. "CRAMP: Clustering-based RANs association and MEC placement for delay-sensitive applications." Journal of Network and Computer Applications 227 (2024): 103893.
- [2] Dash, Saumyaranjan, R. Kumar Parida, Jyoti Prakash Dash, A. Uddin Khan, and S. Kumar Swain. "Optimal Omnidirectional Offloading in Federated Cloud-FOG Systems With Cost Minimization." J Theor Appl Inf Technol 15 (2022): 17.

- [3]. Dash, Saumyaranjan, Asif Uddin Khan, Santosh Kumar Swain, and Binayak Kar. "Clustering Based Efficient MEC Server Placement and Association in 5G Networks." In 2021 19th OITS International Conference on Information Technology (OCIT), pp. 167-172. IEEE, 2021.
- [4]. Keswani, Bright, Prity Vijay, Narayan Nayak, Poonam Keswani, Saumyaranjan Dash, Laxman Sahoo, Tarini Ch Mishra, and Ambarish G. Mohapatra. "Adapting machine learning techniques for credit card fraud detection." In International Conference on Innovative Computing and Communications, pp. 443-455. Springer, Singapore, 2020.
- [5]. Tripathy, A. Kumar, Manas Ranjan Patra, S. Kumar Pradhan, Raisa Rafique, Pujalin Mohanty, and Saumyaranjan Dash. "Graph-based service selection for composition and adaptation." International Journal of ACM Jordan: The Research Bulletin of Jordan ACM 2, no. II (2012): 83-89.

PATENT

UK-based International Patent on Smart Processing Device for Heart Disease Classification, Design number: 6323430, Grant date: 13 November 2023, Registration date: 03 November 2023

ANY OTHER

Conferences attended:

- 19th OITS International Conference on Information Technology (OCIT), IEEE, 2021.
- International Conference on Innovative Computing and Communications, Springer, Singapore, 2020