Mukti Routray, Ph.D.

Designation : Sr. Assistant Professor

Department : Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN 2007)

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RESEARCH INTERESTS

- Computational Biology And Bioinformatics
- Machine Learning
- Data Mining

Academic Qualifications

- Ph.D. (Computer Science Engineering), IIIT Bhubaneswar
- M. Tech. (Computer Science), Utkal University, India

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

PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS

[1]   Routray, M., Vipsita, S., Sundaray, A. and Kulkarni, S., 2022. DeepRHD: An efficient hybrid feature extraction technique for protein remote homology detection using deep learning strategies. *Computational Biology and Chemistry*, *100*, p.107749.

[2]   Routray, M. and Vipsita, S., 2023. Protein remote homology detection combining PCA and multiobjective optimization tools. *Evolutionary Intelligence*, *16*(1), pp.67-76.

[3]   Routray, M. and Ray, N.K., 2020. Remote homology detection using GA and NSGA-II on physicochemical properties. *International Journal of Computer Applications in Technology*, 64(4), pp.393-402.

[4]   Mukti Routray, Swati Vipsita. Delineating Data Security and Privacy Boundary in Bioinformatics. *International Conference on Computer Applications in Technology(*2019)

[5]   Mukti Routray, Swati Vipsita, "Remote Homology Detection Using physicochemical Parameters and Physicochemical Properties," International Conference on information Technology(ICIT 2017)

[6]   Mukti Routray, Swati Vipsita, "Prediction of Protein Function Using Trust Based Cumulative Strategies",International Conference on advanceComputing and Communication system. Jan. 05-07, 2015