Mukti Routray, Ph.D.

Name   : Mukti Routray

Designation : Sr. Asst. Professor

Department   : Department of Computer Science &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

A.M.I.E (Computer Science), Institution of Engineers (India).

Teaching Experience/Industrial Experience/Research Experience

- ✓ 17+ years

P U B L I C A T I O N S

JOURNAL& CONFERENCES

[1]   Mukti Routray and Swati Vipsita, "Protein remote homology detection combining PCA and multiobjective optimization tools", Evolutionary Intelligence, Springer, August, 2021, https://doi.org/10.1007/s12065-021-00642-6

[2] Mukti Routray, SwatiVipsit, Amrita Sundaray, and Srinidhi Kulkarni, "DeepRHD: An efficient Hybrid feature Extraction technique for protein remote homology detection using Deep learning strategies", Computational Biology and Chemistry, Elsevier, August, 2022, https://doi.org/10.1016/j.compbiolchem.2022.107749

[3] Mukti Routray and Niranjan Kumar Ray, "Remote homology detection using GA and NSGA-II on physicochemical properties", International Journal of Computer Applications in Technology, Vol. 64, No. 4, pp. 393-402, January, 2021

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