



Mukti Routray, M.Tech.

Designation : Sr. Asst. 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

M. Tech. (Computer Science), Utkal University, India
A.M.I.E (Computer Science), Institution of Engineers (INDIA).
Diploma (Electronics and Telecommunication), SCTEV&T, Bhubaneswar
Specialization : Remote Homology Detection.

Teaching Experience/Industrial Experience/Research Experience

✓ 12 years

PUBLICATIONS

JOURNAL & CONFERENCES

- [1] Mukti Routray and Swati Vipsita, "Protein remote homology detection combining PCA and multiobjective optimization tools", *Evolutionary Intelligence*, Springer, 2021 (<https://doi.org/10.1007/s12065-021-00642-6>)
- [2] Mukti Routray and Niranjana 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, 2021.
- [3] Mukti Routray, Swati Vipsita, "Remote Homology Detection Using physicochemical Parameters and Physicochemical Properties," *International Conference on Information Technology (ICIT 2017)*

[4] MuktiRoutray, Swati Vipsita, "Prediction of Protein Function Using Trust Based Cumulative Strategies", International Conference on advance Computing and Communication system. Jan. 05-07, 2015.