



## Debasmita Pradhan, Ph.D.

**Designation** : Associate Professor

**Department** : Department of Computer Science and Engineering  
(JOINED THE INSTITUTE IN 2005)

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### RESEARCH INTERESTS

- ✓ Computational Systems Biology
- ✓ Machine Learning
- ✓ Evolutionary Computing
- ✓ Data Science
- ✓ Deep Learning

### Academic Qualifications

MTech ( Computer Science), Utkal University, Vanivihar, Odisha.

PhD , School of Computer Engineering, KIIT University, Bhubaneswar,  
Odisha

### Teaching Experience

- ✓ 17+ years

## PUBLICATIONS

### JOURNAL & CONFERENCES

- [1]. Pradhan, Debasmita, Jena, Dilip Kumar, "Enzyme Protein Classification, An approach for Manufacture of Medicine", international Conference on Medical Informatics-2016.
- [2]. Pradhan, Debasmita, Sudarsan Padhy, and Biswajit Sahoo. "Enzyme classification using multiclass support vector machine and feature subset

- selection." *Computational Biology and Chemistry* 70 (2017): 211-219. **(SCI Impact Factor 2.18)**
- [3]. Pradhan, Debasmita, et al. "A multiclass SVM classifier with teaching learning based feature subset selection for enzyme subclass classification." *Applied Soft Computing* (2020): 106664. **(SCI Impact Factor 6.67)**.
- [4]. Pradhan, Debasmita, et al. " Evolutionary Teaching-Learning Based Modified Polynomial Classifier, In 19th OITS International Conference on Information Technology (OCIT), 2021 IEEE DOI 10.1109/OCIT53463.2021.00069