Nalini Singh, Ph.D.

Designation : Sr. Assistant Professor

Department : Department of Electronics & communication Engineering.

(JOINED THE INSTITUTE IN JULY 2007)

Contact : +91-9778252954

Email : nalini.singh@silicon.ac.in, nalini.singh1905@gmail.com

RESEARCH INTERESTS
- ✓ Biomédical Signal Processing
- ✓ Instrumentation
- ✓ Machine Learning and its application

Academic Qualifications

Ph.D. in Information & Communication Technology, F. M. University, Odisha

M. Tech in Communication System, KIIT University, Odisha.

B. Tech in Applied Electronics and Instrumentation, BPUT, Odisha.

Sspecialization: Electronics Engineering

Teaching Experience/Industrial Experience/Research Experience

Teaching Experience: 15years

Research Experience: 7 years

PUBLICATIONS

JOURNAL& CONFERENCES:

JOURNALS:

1. **Nalini Singh**, and Satchidananda Dehuri, "Multiclass Classification of EEG Signal for Epilepsy Detection Using DWT based SVD and Fuzzy kNN Classifier," Intelligent Decision Technology (IOS Press), pp. 239-252, 2020.

CONFERENCES:

1. **N. Singh**, S. Dehuri, D. Tripathy and A. B. Sahoo, "Real Time Heart Beat Monitoring with LABVIEW," in 19th OITS International Conference on Information Technology (OCIT), 16-18 December2021.

ANY OTHER

BOOK CHAPTERS

1. **N. Singh**, and S. Dehuri, "Usage of Deep Learning in EpilepticSeizureDetectionThrough EEG Signal,Lecture Notes in Electrical Engineering book series (LNEE,volume 511), Springer Link, 2018.