Narayan Nayak, M.Tech

Designation   : Associate Professor

Department   : Department of Electronics & Communication Engg.
(JOINED THE INSTITUTE IN FEB 2010)

Contact   : +91-9437471852,+91-8455918616

Email   : narayan@silicon.ac.in, nnayak08@gmail.com

RESEARCH INTERESTS

- ✓ Designing of Controller for Unmanned Vehicles
- ✓ Process Control
- ✓ Soft computing and its application
- ✓ FBG sensors enabled with IOT
- ✓ Signal processing
- ✓ Optical communication

Academic Qualifications

M. Tech in Electronics and Communication, BPUT, Rourkela, Odisha.
B.E in Instrumentation and Control, PUNE University, Maharastra.

Specialisation: Electronics Engineering

Teaching Experience/Industrial Experience/Research Experience

Teaching Experience   : 21years
Research Experience   : 8 years

PUBLICATIONS

JOURNAL & CONFERENCES:

JOURNALS:

1. L Shaw, S Bagha, AG Mohapatra, **N Nayak,** "Kernel approach on detection of ethanol concentration using ZnOgas sensor," International Journal of Machine Learning and computing vol.2,71 (2012)

CONFERENCES:

1. Bright Keswani, Prity Vijay, **Narayan Nayak**, Poonam Keswani, Saumya ranjan Dash, Laxman Sahoo, Tarini Ch Mishra, Ambarish G Mohapatra, "Adapting machine learning techniques for credit card fraud detection", International Conference on InnovativeComputing and Communications, 443-455 , Springer, Singapore.
2. **Narayan Nayak**, Pranati Das, Soumya Ranjan Das, "Heading plane Control of an Autonomous Underwater Vehicle: A novelFuzzy and Model Reference Adaptive Control Approach, 2020 Third International Conference on Advances in Electronics, Computers and Communications (ICAECC),1-5,December 2020

ANY OTHER