



Dr. Kaustuv Nag

Assistant Professor (CSE)

PhD (Jadavpur University)

Department of Computer Science &
Engineering

9232682253

kaustuv@iiitg.ac.in

Joined the Institute in June 2019

About

Hello, welcome to my home page. I am an Assistant Professor in the Department of Computer Science and Engineering at Indian Institute of Information Technology, Guwahati. I joined IIITG in June, 2019. I received the B.Tech. degree in computer science and engineering from the West Bengal University of Technology, Kolkata, India; the M.Tech. degree in computer science and engineering from the National Institute of Technology, Durgapur, India; and the Ph.D. degree in engineering from the Jadavpur University, Kolkata, India, in 2010, 2012, and 2019, respectively. I was a Visiting Researcher and a Visiting Scientist at the Indian Statistical Institute, Kolkata. You can find my profiles in the following links: [Google Scholar](#), [DBLP](#), [ORCID \(0000-0002-9368-758X\)](#), [Scopus \(5369674100\)](#), and [ResearchGate](#). You can find my CV [here](#).

Research Interests

Evolutionary Computation, Machine Learning, and Neural Networks

Teaching

At IIITG, I teach:

Evolutionary Computation (Open Elective) - Monsoon, 2019.

Publication

Journal

- 1 Kaustuv Nag and Nikhil Ranjan Pal, "Feature Extraction and Selection for Parsimonious Classifiers With Multiobjective Genetic Programming", IEEE Transactions on Evolutionary Computation, (2019), in Early Access, DOI: 10.1109/TEVC.2019.2927526
- 2 Kaustuv Nag, Tandra Pal, Rajani Kanta Mudi, and Nikhil Ranjan Pal, "Robust Multiobjective Optimization with Robust Consensus", IEEE Transactions on Fuzzy Systems, vol. 26, no. 6, (2018), pages. 3743-3754,
- 3 Prasenjit Dey, Kaustuv Nag, Tandra Pal, and Nikhil Ranjan Pal, "Regularizing Multilayer Perceptron for Robustness", IEEE Transactions on Systems, Man, and Cybernetics: Systems, vol. 48, no. 8, (2018), pages. 1255-1266,
- 4 Kaustuv Nag and Nikhil Ranjan Pal, "A Multiobjective Genetic Programming Based Ensemble for Simultaneous Feature Selection and Classification", IEEE Transactions on Cybernetics, vol. 46, no. 2, (2015), pages. 499-510,
- 5 Kaustuv Nag, Nikhil R Pal, "A Multiobjective Genetic Programming-Based Ensemble for Simultaneous Feature Selection and Classification", IEEE Transactions on Cybernetics, Volume 46 Issue 2, (2015), pages. 499-510, IEEE
- 6 Kaustuv Nag, Tandra Pal, and Nikhil Ranjan Pal, "ASMIGA: An Archive Based Steady-State Micro Genetic Algorithm", IEEE Transactions on Cybernetics, vol. 45, no. 1, (2014), pages. 40-52,
- 7 Saurajyoti Kar, Kaustuv Nag, Abhishek Dutta, Denis Constales, and Tandra Pal, "Denis Constales, and Tandra Pal, "An improved cellular automata model of enzyme kinetics based on genetic algorithm", Chemical Engineering Sciences, vol. 110, (2014), pages. 105-118,
- 8 Kaustuv Nag, Tandra Pal, Nikhil Ranjan Pal, "ASMIGA: An Archive-Based Steady-State Micro Genetic Algorithm", IEEE Transactions on Cybernetics, Volume 45 Issue 1, (2014), pages. 40-52, IEEE

Book Chapters

- 1 "Genetic Programming for Classification and Feature Selection", in Evolutionary and Swarm Intelligence Algorithms, (2019), pages. 119-141, Springer

Conference

- 1 Kaustuv Nag, Tandra Pal, and Nikhil Ranjan Pal, "Robust consensus: A new measure for multicriteria robust group decision making problems using evolutionary approach", International Conference on Artificial Intelligence and Soft Computing, (2014), pages. 384-394, Springer
- 2 Kaustuv Nag and Tandra Pal, "A new archive based steady state genetic algorithm", 2012 IEEE Congress on Evolutionary Computation (CEC), (2012), pages. 1-7, IEEE



IIIT Guwahati

Bongora, Assam
Guwahati -781015

INDIA

0824 2474000

registrar@iiitg.ac.in

Our Campus

Gallery

Library

Health care center

Quick Links

Tender/NIQ

Academic Calendar

Semester Fee

Seat Distribution

Curriculum

Visitor's Information

Annual Report



Copyright © 2022-2025 IIIT Guwahati, India. All rights reserved.

