Siba Prasada Tripathy, M.Tech.

Designation : Assistant Professor

Department : Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN 2022)

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RESEARCH INTERESTS

- ✓ Computational Intelligence
- ✓ Combinatorial Optimization
- ✓ Metaheuristic Algorithms
- ✓ IoT for Smart City

Academic Qualifications

Ph.D in CSE from NIT Durgapur (cont.)

M.Tech in CSE from NIST, Berhampur in 2013

MCA from BPUT, 2009

Teaching Experience/Industrial Experience/Research Experience

- ✓ More than 10 years of teaching experience
- ✓ Three years of research experience

PUBLICATIONS

JOURNAL& CONFERENCES

[1]. Amiya Biswas, **Siba Prasada Tripathy**, & Tandra Pal (2022). On multi-objective covering salesman problem. Neural Computing and Applications, 34(24), 22127-22140.

[2]. **Siba Prasada Tripathy**, Amiya Biswas,Tandra Pal (2021). A multi-objective Covering Salesman Problem with 2-coverage. Applied Soft Computing, 108024.

[3]. **Siba Prasada Tripathy,** Amit Tulshyan, SamarjitKar, Tandra Pal, "On Interval Covering Salesman Problem", International Journal of Advanced Intelligence Paradigm, 2018 [Inderscience: SCOPUS] [Accepted for Publication]

[4]. **Siba Prasada Tripathy,** Amit Tulshyan, SamarjitKar, Tandra Pal, "A Metameric Genetic Algorithm with New Operator for Covering Salesman Problem with Full Coverage", International Journal of Control Theory and Applications,Vol-10 No-7 pp.245-252, March 2017

[5]. **Siba Prasada Tripathy**, Debananda Kanhar, "Optimization of Software Testing for Discrete Testsuite using Genetic Algorithm and Sampling Technique",International Journal of Computer Applications. Vol-63 No-7, February 2013, New York, USA

[6]. Siba Prasada Tripathy, Pyari Mohan Sahu, Debananda Kanhar, "Optimization of Discrete and Continuous Testsuite using Heuristic Algorithm: A Comparative Study" "IEEE conference on Information and Communication Technologies ICT-2013" April-2013

[7]. Harish Pradhan, Kali Prasad Behera, Smruti Rekha Panda, **Siba Prasada Tripathy**, "An Interval Traveling Salesman Problem for Handling Uncertainty" RUSA sponsored International Conference on Advances in Computation Sciences 20 May, 2022 in Yashvant Rao Chavan Institute of Science , Autonomous, Satara, Maharastra

A N Y   O T H E R

- ➢ **GATE**-**2012** qualified with 9870 rank in 2012
- ➢ Completed UHV part I and part II course under AICTE