



NSHM Knowledge Campus, Durgapur,

RESEARCH PUBLICATIONS

1. Published "*A Fitness-Based Adaptive Differential Evolution Approach to Data Clustering*" in **Proceedings of the International Conference on Frontiers of Intelligent Computing: Theory and Applications**, Springer (2012).
2. Published "*Performance Study and Analysis towards Discrete System Introducing Jury Test Simulator*" in **African Journal of Computational & ICT**, IEEE (Vol. 8, No. 1, March 2015, ISSN: 2006-1781).
3. Published "*Discrete Domain Analysis of Random Non-Deterministic Signals Using Recursive Methods and Stochastic Control*" in **UEMCOS 2019 Proceedings** (ISBN: 978-1-7281-1349-4).
4. Published "*Non-Linear Modelling of Pade Approximated Electric Ventricular Assist Device Using Describing Function Technique*" in **Topical Drifts in Intelligent Computing**, Springer (ICCTA 2021, ISBN: 978-981-19-0745-6).
5. Published "*Analysis of Random Non-Deterministic Signals Using Recursive Methods and Stochastic Control*" in **Advances in Data Science and Computing Technologies**, Springer (ADC 2022, Lecture Notes in Electrical Engineering).
6. Published "*Stabilization of Dexterous Arm Model for Quadriplegic People using Evolutionary Algorithm*" in **Journal of East China University of Science and Technology** (Scopus Indexed, 2022, ISSN: 1006-3080).
7. Published "*Self-Adaptive Bacteria Foraging Optimization-Based Data Clustering Approach*" in **International Journal of Advanced Computer Science and Applications (IJACSA)** (Scopus Indexed, Vol. 15, No. 1, January 2024).
8. Submitted "*Nonlinear Modelling of Electric Ventricular Assist Device using Pade Approximation and Describing Function Technique*" to **Computers in Human Behaviour** (Scopus Indexed, Elsevier) – *Under Review*.