

Faculty Profile



Name: Dr. PRADOSH KUMAR GANTAYAT

Designation: Assistant Professor

Teaching Areas: Theory of Computation, Compiler Design.

Research Interests: Delay Tolerant Network, Soft Computing, Nature Inspired Algorithm

Education:

- Ph.D, CSE, VSS University of Technology, Sambalpur, Odisha, 2021
- M.Tech, CSE, KIIT University, Bhubaneswar, Odisha, 2007
- B.E, CSE, North Odisha University, Baripada, Odisha, 2001

Research / Selected Publications:

1. Pradosh Kumar Gantayat, Raj Tiwari “Spider Monkey Algorithm for Enhancing Security in Delay Tolerant Network” International Journal of Computing and Digital Systems” (IJCDS) (Accepted) (Scopus), 2023.
2. Pradosh Kumar Gantayat, Satyabrata Das “Harris-Hawk and Jaya Algorithm for Routing In Delay Tolerant Network” International Journal of Business Data Communication and Networking (Scopus) Vol 17 Issue 1 Article 3 Pages 38-54 IGI Global, 2021 , DOI: 10.4018/IJBDCN.2021010103
3. Pradosh Kumar Gantayat, Satyabrata Das “Award-Reward Protocol Based on Clustering and Trust Level for Routing in Delay Tolerant Network” Journal of Applied Security Research (Taylor and Francis.) Vol 14 Issue 3 Pages 270-285 (Scopus) <https://doi.org/10.1080/19361610.2019.1621593>
4. Pradosh Kumar Gantayat, Satyabrata Das “Secure Trust Level Routing in Delay Tolerant Network with Fuzzy Empowered Node Categorization Technique”, Journal of Computational and Theoretical Nano science (Scopus) Vol 16 (5-6), pages 2294-2298
5. Pradosh Kumar Gantayat, Raj Gaurang Tiwari, Anuj Kumar Jain, Nitin Jain, Varun Jindal “Ant Lion Based Optimized Leach Protocol to Enhance the Security and Transmission of Wireless Sensor Network” 2022 IEEE International Interdisciplinary Conference on Mathematics, Engineering and Science (MESIICON) (IEEE), 2022 pp 1-6
6. Madhu Aneja, Pradosh Kumar Gantayat “Computer Based Numerical Analysis of Bio Connective Heat and Mass Transfer across a Nonlinear stretching sheet with Hybrid Nano fields “FICTA-2023 Cardiff School of Technologies Cardiff Metropolitan University, Cardiff, UK (Springer), 2023