ASSOCIATE PROFESSOR

Dr. Rakhi Das Bain

Contact: rakhidas2004@gmail.com

RESEARCH INTERESTS:

OPTIMIZATION OF NETWORK, IOT

EXPERIENCE:

Academics: 11 Years

Industry: ---

EDUCATION:

1. PhD (RGU)
2. M.Tech (NITDGP)
3. B.Tech (MAKAUT)

Courses Taught:

DBMS, Operating Systems ,Compiler, Networking, Python, Automata

Projects Handled:

1. Real-Time chat application using MERN
2. Blood Bank and Donor Management System
3. Doctor Appointment Booking System

Research Publications:

1. Das, R., Sahoo, L., Samanta, S., Simic, V., & Senapati, T. (2022). Identifying the shortest path of a semi-directed graph and its application. Mathematics, 10(24), 4807.
2. "Bi-Weighted Graph-Based Optimal Path Selection for a Network." International Journal of Scientific Research in Mathematical and Statistical Sciences, 10(4), pp 1-8. Sanoo, L. & Das, R. (2024).
3. "Shortest path of a random graph and its application." Journal of Graphic Era University (Revised version Communicated, River Publishers). Sanoo, L., Das, R., Samanta, S., Mostem, S. & Senapati, T. (2024).
4. "A Study of an Optimal Spanning Tree for a Weighted Bunch Graph." Heliyon (Communicated), Cell Press. Sahoo, L., Das, R., Samanta, S. (2024).
5. "A Study of an Optimal path selection for a weighted semi-directed graph." AIMS Mathematics (Communicated), AIMS Press.

Additional Responsibilities:
NAAC and NBA Team, Technical Grooming Committee

Awards Obtained: