

Dr. PRIYAJIT BISWAS

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Current Status

Assistant Professor, Netaji Subhash Engineering College, Kolkata.

Work Experiences

Post	Institute	Department	Experiences
Assistant Professor	Netaji Subhash Engineering College, Kolkata	Information Technology	01-Feb-2023 to Present
Assistant Professor	Bengal Institute of Technology	Information Technology	18-Aug-2022 to 31-Jan-2023

Academic Record

Degree	College /School	University/ Board	Percentage/CGPA	Year
PhD (IT)	Indian Institute of Engineering Science and Technology, Shibpur	Indian Institute of Engineering Science and Technology, Shibpur	----	2022
M.Tech (IT)	Indian Institute of Engineering Science and Technology, Shibpur	Indian Institute of Engineering Science and Technology, Shibpur	70.67 %	2017
B.Tech (IT)	Haldia Institute of Technology	West Bengal University of Technology	6.82	2014
Higher Secondary ((10+2) th standard)	Majdia Rail bazar High School, Majdia, Nadia.	West Bengal Council of Higher Secondary Education	58.40 %	2010
Madhyamik (10th Standard)	Majdia Rail bazar High School, Majdia, Nadia	West Bengal Board of Secondary Education	84.50 %	2008

Subjects Taught

1. Compiler Design
2. Software Engineering
3. Image Processing
4. Research Methodology
5. Data Warehouse and Data Mining
6. Design Thinking
7. Data Structure and Algorithm
8. Object Oriented Programming Language
9. Software Design Using UML

Research Interest

Wireless Sensor networks, Machine Learning, Deep learning, Internet of things, Image Encryption, Blockchain

List of Publications

1. Biswas, P., Kandar, S. and Dhara, B.C., 2017, February. A novel image encryption technique using one dimensional chaotic map and circular shift technique. In Proceedings of the 6th international conference on software and computer applications (pp. 112-116).
DOI: <https://doi.org/10.1145/3056662.3056685>
2. Biswas, P., Kandar, S. & Dhara, B.C. An image encryption scheme using sequence generated by interval bisection of polynomial function. Multimedia Tools Appl 79, 31715–31738 (2020).
DOI: <https://doi.org/10.1007/s11042-020-09497-y>
3. Biswas, P., Samanta, T. True Event-Driven and Fault-Tolerant Routing in Wireless Sensor Network. Wireless Pers Commun 112, 439–461 (2020).
DOI: <https://doi.org/10.1007/s11277-020-07037-3>
4. Biswas, P., Samanta, T. A Method for Fault Detection in Wireless Sensor Network Based on Pearson's Correlation Coefficient and Support Vector Machine Classification. Wireless Pers Commun (2021). DOI: <https://doi.org/10.1007/s11277-021-09257-7>
5. Biswas, P., Samanta, T. Anomaly detection using ensemble random forest in wireless sensor network. Int. j. inf. technol. 13, 2043–2052 (2021).
DOI: <https://doi.org/10.1007/s41870-021-00717-8>
6. Biswas, P., Samanta, T. & Sanyal, J. Intrusion detection using graph neural network and Lyapunov optimization in wireless sensor network. Multimed Tools Appl (2022).
DOI: <https://doi.org/10.1007/s11042-022-13992-9>

Personal Information

Date of Birth: 30/05/1992

Father's Name: Mr. Jitendra Nath Biswas

Mother's Name: Late Prabhati Biswas

Wife's Name: Nabanita Biswas

Language Known: English, Hindi and Bengali.

Other Activities

Hobbies: Photography, Origami

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date:

(PRIYAJIT BISWAS)