



Name: DR.BIPLAB DAS

Designation: Assistant Professor in Computer Application and IT

Qualifications: Mtech, Ph.D.

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Biographical Sketch

Dr.Biplab Das, has received Ph.D and M.Tech degree in Computer Science & Engineering department from MAKAUT, West Bengal, India. Presently he is an Assistant Professor in the Dept. of Computer Application and IT, St.Xaviers University,Kolkata. His research interest includes Quantum Computing, QCA and Reversible logic circuit design. He has published around 12 papers in international journals and conferences and he qualified NET examination for lectureship in Computer Application in the year 2019.

Areas of Specialisation and Research

Quantum Computing, Nanotechnology, Quantum Circuit Design

Teaching Experience

Dr.Biplab Das, has 5 years of academic experience and 2.5 years of research experience.

Administrative Responsibility

Publications

Article published in Peer-reviewed journals (*Sample given below*)

- (2019) "**An unconventional Arithmetic Logic Unit design and computing in Actin Quantum Cellular Automata.**" *Microsystem Technologies*, Biplab Das, Avijit Kumar Paul, and Debashis De, Vol. 1 (28), Pp. 1-14, ISSN: 1432-1858
- (2020) "**Router design for Nano-communication using Actin quantum cellular automata.**" *IET Nanobiotechnology*, Biplab Das and Debashis De, Vol. 14 (7), Pp. 609-616, ISSN: 1751-875X
- (2018) "**Design of binary subtractor using Actin quantum cellular automata**", *IET Nanobiotechnology*, Tapatosh Sadhu, Biplab Das, Debashis De, and Jadav Chandra Das. Vol.12 (1), Pp. 32-39, ISSN: 1751-875X
- (2022) "**XOR transform with Actin quantum automata for better security against cryptanalysis.**" *Microsystem Technologies*, Tapatosh Sadhu, Biplab Das, Timam Ghosh, and Debashis De, Vol. 25 (5), Pp. 1705-1717, ISSN: 1432-1858