

CURRICULUM VITAE



Name : SHARMISTHA JANA
Designation : PTT
Midnapore College (Autonomous)
Midnapore- 721101, W.B
Education Qualification : M.Sc. in Mathematics, MCA, Ph.D. (Pursuing)
Permanent Address : 96 A, Purba Phool Bagan, Bhagajatin East, Kolkata-86.
Contact Number : +91 7872227694
Email Id : sharmistha792010@gmail.com
Date of Joining : 01/12/2008

➤ Area of Teaching:

- i) Algebra(Classical, Modern, Linear)
- ii) Discrete Mathematics
- iii) Geometry
- iv) Vector Algebra and Vector Analysis
- v) Complex Analysis
- vi) Numerical Analysis
- vii) Differential Equations, Operations Research, Fuzzy sets etc.

➤ List of research papers published in journals/conferences:

- i) Jana, Sharmistha. Some Special fixed charge solid transportation problems of substitute and breakable items in crisp and fuzzy environments, **Computers & Industrial Engineering (2017), Elsevier, (IF - 2.632), (SCI Journal), doi: <http://dx.doi.org/10.1016/j.cie.2017.07.030>**
- ii) Jana, Sharmistha. FC DMITMs 4 in Crisp and Fuzzy Environments for Substitute and Breakable Items. **The Journal of Fuzzy Mathematics Vol. 24, No. 3, Los Angeles,2016**
- iii) Jana, Sharmistha. Key Distribution in Wireless Sensor Networks using Quantum Cryptography. International Journal of Mobile & Ad-hoc Network. 2013
- iv) Jana, Sharmistha. Quantum Cryptography in Wireless Sensor Networks. Proceedings of ICTWR-2013, ISBN No. 978-93-5126-699-0.

(v) Jana, Sharmistha. Cheating Prevention in Visual Cryptographic Schemes using Message Embedding: A Hardware Based Practical Approach. Proceedings of ICICT-2014, IEEE, New Delhi.2014

➤ Other Activities:

- i) Part-Time Lecturer in NSOU at CMC Ltd. Midnapore Center from Feb-2008 to Nov-2008.
- ii) Part-Time Lecturer in Department of Mathematics, Hijli College, from Nov-2008 to Nov-2010.
- iii) Research Scholar, Department of Mathematics, NIT Durgapur.

