



Name: Ayan Chatterjee

Specialisation: Operations Management

Batch: FPM 2018

Email id: fpm18.ayan@spjimr.org

Qualification & Degree: B.Sc (H) Mathematics, MCA

Research Area: Operation & Supply Chain Management

Area of Interest: Predictive Analytics, Behavioural Operations, Management Science, Quantitative Methods, Information Security

Thesis Abstract: TBD

Significant Publications:

- **International Journals**

- Ayan Chatterjee (2015), A Comparative Analysis of Three Important Data Hiding Schemes in Steganography, International Journal of Innovative Trends in Engineering, 11(16), 61-65
- Ayan Chatterjee (2015), A Survey on Different Digital Media Based Steganography Techniques Using Genetic Algorithms, International Journal of Innovative Research in Computer and Communication Engineering, 3(12), 12990-12998
- Ayan Chatterjee (2015), A Comparative Analysis of Three Important Spatial Domain Steganography Techniques, International Journal of Scientific Progress and Research, 17(41), 118-121

- **International Conference Proceedings**

- Ayan Chatterjee & Asit Kumar Das (2018), Secret communication combining cryptography and steganography, Progress in Advanced Computing and Intelligent Engineering, Advances in Intelligent Systems and Computing (SPRINGER), 563, 281-291
- Ayan Chatterjee & Mahendra Rong (2018), Raw Materials Management for Time Dependent Supply Chain Network, International Conference on Advanced Informatics for Computing Research, Communications in Computer and Information Science (SPRINGER), 955, 675-686
- Ayan Chatterjee, Tanmoy Bera, Soumen Kr Pati & Asit Kumar Das (2019), A Data Hiding Scheme with Digital Authentication Using Parity Checkers, Soft Computing in Data Analytics. Advances in Intelligent Systems and Computing (SPRINGER), 758, 125-135
- Ayan Chatterjee & Soumen Kumar Pati (2020), Data Hiding with Digital Authentication in Spatial Domain Image Steganography, Computational Intelligence

in Pattern Recognition, Advances in Intelligent Systems and Computing (SPRINGER), 999, 897-907

- **Book Chapters**

- Ayan Chatterjee & Mahendra Rong (2018), Efficiency Analysis of Genetic Algorithm and Genetic Programming in Data Mining and Image Processing, Computer Vision: Concepts, Methodologies, Tools, and Applications (IGI Global), 246-272
- Ayan Chatterjee & Nikhilesh Barik (2018), A New Data Hiding Scheme Combining Genetic Algorithm and Artificial Neural Network, Handbook of Research on Modeling, Analysis, and Application of Nature-Inspired Metaheuristic Algorithms (IGI Global), 94-103
- Ayan Chatterjee & Mahendra Rong (2018), A Survey on Different Digital Authentication Systems Using Fuzzy Logic, Handbook of Research on Biomimicry in Information Retrieval and Knowledge Management (IGI Global), 212-224
- Ayan Chatterjee, Susmita Sarkar, Mahendra Rong & Debmallya Chatterjee, Artificial Neural Network in Operation Management Regarding Communication Issue, Encyclopedia of Organizational Knowledge, Administration, and Technologies (IGI Global) [**ACCEPTED**]

Professional Appointments:

- Research Assistant, Operation Management Group, Indian Institute of Management (IIM) Calcutta [2018]
- Guest Faculty, Dept. of Mathematics, Bangabasi Evening College (Under University of Calcutta) [2016-2018]