

Books:

- (i) Constraint Solid Traveling Salesman Problem using Genetic Algorithm, **Arindam Roy**, LAP LAMBERT Academic Publishing, 2019, (ISBN: 978-620-0-26712-2).
- (ii) Application of Wireless Sensor Network in Precision Agriculture, Avishek Jana, **Arindam Roy**, LAP LAMBERT Academic Publishing, 2019, (ISBN: 978-620-0-30959-4).

Book Chapter:

- (i) **Roy A.**, Manna A., Kim J., Moon I. (2021) Integrated Planning of IoT-Based Smart Bin Allocation and Vehicle Routing in Solid Waste Management. In: Dolgui A., Bernard A., Lemoine D., von Cieminski G., Romero D. (eds) Advances in Production Management Systems. Artificial Intelligence for Sustainable and Resilient Production Systems. APMS 2021. IFIP Advances in Information and Communication Technology, vol 632. Springer, Cham. https://doi.org/10.1007/978-3-030-85906-0_55.
- (ii) **A Roy**, G Chakraborty, I Khan, S Maity, M maiti, A Hybrid Heuristic for Restricted 4-Dimensional TSP (r-4DTSP), 2018, Operations Research and Optimization, (Springer), ISBN: 978-981-10-7813-2 (Print), 978-981-10-7814-9 (online).
- (iii) A Manna, S Maity, **A Roy**, A Heuristic Approach for Cluster TSP, 2020, Recent Advances in Intelligent Information Systems and Applied Mathematics (Springer), ISBN: 978-3-030-34152-7-4.