



## **NSHM Knowledge Campus, Durgapur,**

### **INTERNATIONAL JOURNALS**

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2. "The Application of Artificial Intelligence in Healthcare: Transformations, Challenges and Future Prospects" by Aniruddha Samanta, Manisha Chatterjee, Sanchita Sarkar, Subhajit Mukherjee, Koyel Misra, Bipasha Mridha Ghosh published in International Journal of Sciences and Innovation Engineering (IJSCI), Volume 2, Issue 12, December 2025, pp 436-442, E-ISSN: 3049-0251, DOI: <https://doi.org/10.70849/ijsci021294391078>
3. "Optimal Tax Policy of a Stage Structured Prey Predator Fishery: A Dynamic Reaction" by Srabani Guria Das, Sanchita Sarkar, Angshu Kumar Sinha and Aniruddha Samanta published in International Journal of Scientific Research in Engineering and Management (IJSREM) on Volume 08, Issue 12 December 2024, ISSN: 2582-3930, DOI: 10.55041/IJSREM39518.
4. "Reliability allocation under uncertainty with optimism & pessimism" by Aniruddha Samanta, Sanchita Sarkar, Angshu Kumar Sinha and Srabani Guria Das published in International Journal of Advanced Engineering and Technology, Volume 8, Issue 2, 2024, Page No. 8-12, Published on 27-11-2024 ISSN: 2456-7655
5. "Progress in Chemo informatics through the Application of Machine Learning" by Koyel Misra\*, Subhajit Mukherjee, Bipasha Mridha Ghosh, and Sanchita Sarkar published in International Scholarly Open Access, peer reviewed, Refereed Journal Of Emerging Technologies and Innovative Research, Volume

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7. "Modeling an Inventory System with Time-Sensitive Deterioration Using Trapezoidal Interval Type-2 Fuzzy Numbers Under Trade Credit Policy" by Kartick Mohanta; Sanchita Sarkar; Anita Pal submitted in the Journal OPSEARCH.
8. "Cost optimization of an inventory control problem in neutrosophic environment for smart manufacturing" by Kartick Mohanta, Sanchita Sarkar, Debashis De , Arindam Dey , Anita Pal accepted in Soft Computing, Springer-Verlag GmbH Germany, part of Springer Nature 2024 on 9<sup>th</sup> January 2024.
9. "An Order Level Inventory Model Under Two Level Storage System with Fuzzy Demand" by S.Sarkar and T.Chakrabarti published in Yugoslav Journal Of Operations Research Vol 23 (2013) Number 2 pages 249- 261. . EISSN 2334-6043 IF .53,Scopus. DOI: 10.2298/YJOR130111020S
10. "An EPQ model of exponential deterioration with fuzzy demand and production with shortages" by S.Sarkar and T.Chakrabarti, published in the "International Journal of Industrial Engineering and Production Research" December2013, Volume 24, Number 4, ISSN :2008-4889 pp. 309-317.,Scopus,Google Scholar. Link:<http://ijiepr.iust.ac.ir/article-1-314-en.pdf>
11. "An EPQ model having weibull distribution deterioration with exponential demand and production with shortages under permissible delay in payments" by S.Sarkar and T.Chakrabarti, published in Mathematical Theory and Modelling ISSN 2224-5804 (Paper) ISSN 2225-0522 (Online) Vol.3, No.1, 2013.IC impact factor 5.53(SCI Edge), Google Scholar. <https://www.iiste.org/Journals/index.php/MTM/article/view/4166>
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16. “An EPQ Model for deteriorating items having weibull distribution deterioration with time dependent demand, holding cost and shortage cost” by S.Sarkar and T.Chakrabarti, Published in “International Journal Of Mathematical Sciences And Engineering Applications” ISSN 0973-9424, Vol. 5 No. I (January, 2011), pp 223-242.IF .52, Google Scholar