



Dr. Lalit Mohan Pradhan - Ph.D.

Name : Lalit Mohan Pradhan
Designation : Senior Assistant. Professor
Department : Basic Science & Humanities (Mathematics)
(Joined the institute in 2010)
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RESEARCH INTERESTS

Operation Research
Complex Analysis
Functional Analysis
Numerical Analysis

ACADEMIC QUALIFICATIONS

Ph. D. (Mathematics) Sambalpur University, Odisha, India
M. Phil. (Mathematics) Sambalpur University, Odisha, India
M. Sc. (Mathematics) Sambalpur University, Odisha, India

TEACHING/INDUSTRIAL/RESEARCH EXPERIENCE

✓ Teaching Experience – 15 years

PUBLICATIONS

JOURNALS

1. C.K. Tripathy and L.M. Pradhan, "An EOQ Model for Weibull Deteriorating Item with Power Demand and Partial Backlogging", International Journal of Contemporary Mathematical Sciences, Vol.5, No.38, 2010, 1895-1904, ISSN 1312-7586.
2. C.K. Tripathy and L.M. Pradhan, "Optimal Pricing & Ordering Policy for three parameter Weibull deterioration under trade credit", International Journal of Mathematical Analysis, Vol.5, No6, 2011, 275-284, ISSN 1312-8876.
3. C.K. Tripathy and L.M. Pradhan, "A Production Inventory model for Weibull deteriorating Items allowing price discount & permissible delay in payments", Global Journal of Mathematical Sciences: Theory & practical, vol2, Number-1, 2010, 1-12.
4. C.K. Tripathy L.M. Pradhan, and U.Mishra, "An EPQ Model for Linear deteriorating Item with Variable Holding cost". International Journal of computational & Applied Mathematics, Vol.5, No2, 2010. 199-205, ISSN 1819-4966.

5. C.K. Tripathy, U.Mishra and L.M. Pradhan, "An EOQ Model for Time Dependent Linearly deteriorating Items with Shortages", International Journal of computational & Applied Mathematics, Vol.5, No2, 2010. 163-175, ISSN 1819-4966.
6. C.K. Tripathy L.M. Pradhan" An EOQ model for three parameter Weibull deterioration with permissible delay in Payments and associated salvage value", International Journal of Industrial Engineering Computations Vol.3, No2, 2012, 115-122, ISSN: 19232926, EISSN: 19232934
7. L.M. Pradhan and C.K. Tripathy "A Production inventory model for an item with three parameter Weibull deterioration and Price discount", Scientific Journal of Logistics, Vol 8, No3, 2012, 257-266, ISSN 1734-459X
8. C. K. TRIPATHY, L.M. PRADHAN and U. MISHRA, "An EPQ Model for an Item with Weibull Deterioration and Time-dependent Holding Cost", International Journal of Pure and Applied Mathematical Sciences. Volume 6, Number 1 (2013), pp. 1-8, ISSN 0972-9828.
9. L.M. Pradhan and C.K. Tripathy "An EOQ model for three parameter Weibull deteriorating item with partial backlogging", Scientific Journal of Logistics, Vol 9, No1, 2013, 35-42, ISSN 1734-459X.
10. L.M. Pradhan and C.K. Tripathy "An EOQ model for Weibull deteriorating item with ramp type demand and salvage value under trade credit system", Scientific Journal of Logistics, Vol 10, No1, 2014, 61-72, ISSN 1734-459X.

ANY OTHER

WORKSHOPS ATTENDED

- 1 "SPSS Workshop on data analysis using PASW Statistics", organized by Sambalpur University in collaboration with AIMSCS, Hyderabad and SPSS South Asia, Bangalore from 17th-19th September, 2009.
- 2 "Two week ISTE Workshop on Signals and Systems conducted by IIT Kharagpur under the National Mission on Education through ICT(MHRD, Govt. of India)", 2nd-12th January, 2014.
- 3 International workshop on recent trends in Mathematics and Applications (IWRTMA-2016)organised by Department of Mathematics VSSUT, Burla on 1st and 2nd August 2016.
- 4 Two week ISTE STTP CMOS, Mixed signal and radio frequency VLSI, Design conducted by IIT Kharagpur, 30 January to 4th February 2017.

CONFERENCE PAPERS PRESENTED

- 1 "An Inventory Model for Deteriorating Items with Partial Backlogging", ICM Satellite International Conference on Probability and Statistics, Dept. of Statistics & Dept of Mathematics, Sambalpur University. 1-3 Sept, 2010.
- 2 "An EPQ Model for an Item with Weibull Deterioration and Time-dependent Holding Cost", 40th annual conference of OMS and National conference on Fourier analysis and Differential equations, 29th -30th December 2012.

REVIEWER OF JOURNAL

1. British Journal of Applied Science & Technology, MS: 2012/BJAST/1180.