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DR. DEBNARAYAN KHATUA

### INFO

DEPARTMENT : DIPLOMA IN COMPUTER SCIENCE & TECHNOLOGY

DATE OF JOINING : 1ST MARCH 2011

NUMBER OF BOOK PUBLISH : 3

NUMBER OF JOURNAL PUBLISH : 8

NUMBER OF CONFERENCE : 0

### EXPERIENCE

TEACHING : 0

INDUSTRY : 0

IN GIST 13 YEAR 11 MONTH 5 DAY

### CONTACT



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## EDUCATION

M.SC. AND PH.D

### List of Journals

1. D. Khatua, K. Maity, Research on relationship between economical profit and environmental pollution of imperfect production inventory control problem, Journal of the Nigerian Mathematical Society, 35, 560-579.
2. D. Khatua, K. Maity, G. Roymahaptra, A green supply chain production inventory model with uncertain holding cost, Int. J. of Process Management and Benchmarking(Scopus), 7(3), 277-304.
3. D. Khatua, K. Maity, S. Kar, Determination of advertisement control policy for complementary and substitute items for a class inventory problem, Int. J. of Business Forecasting and Marketing Intelligence, 3(3), 223-247.
4. D. Khatua, K. Maity, Stability of fuzzy dynamical systems based on quasi-level-wise system, Journal of Intelligent & Fuzzy Systems(SCIE, Scopus), 33(6), 3515-3528.
5. D. Khatua, A. De, K. Maity, S. Kar, Use of "e" and "g" operators to a fuzzy production inventory control model for substitute items, RAIRO-Operations Research(SCIE, Scopus), 53 (2), 473-486.
6. D. Khatua, K. Maity, S. Kar, A fuzzy optimal control inventory model of product-process innovation and fuzzy learning effect in finite time horizon, International Journal of Fuzzy System(SCIE, Scopus), 21 (5), 1560-1570.
7. D. Khatua, K. Maity, S. Kar, A fuzzy production inventory control model using Granular differentiability approach, Soft Computing(SCIE, Scopus), DOI: 10.1007/s00500-020-05329-1.
8. A. De, D. Khatua, S. Kar, Control the preservation cost of a fuzzy production inventory model of assortment items by using the granular differentiability approach, Computational and Applied Mathematics(SCIE, Scopus), 39 (4), 1-22.

List of Conference

List of Books

1. D. Khatua, K. Maity, Stability of a dynamical system, The UGC spon-sored National Seminar on "Recent Trend on Bio-Mathematical Model-ing Under Uncertain Environment" 2019.
2. S. Samonto, S. Pal,D. Khatua, Sk. M. Islam, An approach to develop adedicated micro AI processor for an intelligent fault protection scheme,(ICITAM 2019),Recent Advances in Intelligent Information Systems andApplied Mathematics(scopus),414-422.
3. D. Khatua, E.Samonto, K. Maity, S. kar, A single period fuzzy productioninventory control model with exponential time and stock dependentfuzzy demand, ICITAM(2019), Recent Advances in Intelligent Informa-tion Systems and Applied Mathematics(scopus), 403-413.2019.