

Name: Dr.Umakanta Mishra

Designation: Associate Professor

Branch: Basic Science

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Social Media Links: <https://www.facebook.com/umakanta.mishra.18>

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Kudos: <https://www.growkudos.com/profiles/116710>

Educational Qualification(s):

Qualification(s)	University
M.Sc. (Mathematics)	Sambalpur University
M.Phil (Mathematics)	Sambalpur University
Ph.D (Mathematics)	Sambalpur University

Experience in years: 9 Years

Academic: 9 Years

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	ICFAI University, Tripura	Associate Professor	01.04.2016	Continuing
2	ICFAI University, Tripura	Assistant Professor	26.07.2013	31.03.2016
3	P.K.A.C.E, Bargarh, Odisha	Assistant Professor	1.9.2012	24.7.2013
4	P.K.A.C.E, Bargarh, Odisha	Lecturer	17.8.2009	31.8.2012
5	Pabitra Mohan Institute of Technology, Talcher, Odisha	Lecturer	01.05.2008	1.08.2009

Other Information:

a) Publication details

1. Umakanta Mishra, Leopoldo Eduardo Cárdenas-Barrón, Sunil Tiwari, Ali Akbar Shaikh, Gerardo Treviño-Garza, “An inventory model under price and stock dependent demand for controllable deterioration rate with shortages and preservation technology investment”, Annals of Operations Research, DOI:10.1007/s10479-017-2419-1, ISSN: 0254-5330 (Print) 1572-9338 (Online), (Springer).
2. Umakanta Mishra, “An EOQ Model with Time Dependent Weibull Deterioration, Quadratic Demand and Partial Backlogging, International Journal of Applied and Computational Mathematics, 2016, 2, 4,545–563, ISSN: 2349-5103 (Print) 2199-5796 (Online), (Springer).
3. Umakanta Mishra, “An Inventory Model for Weibull Deterioration with Stock and Price Dependent Demand” International Journal of Applied and Computational Mathematics, DOI: 10.1007/s40819-016-0217-0, ISSN: 2349-5103 (Print) 2199-5796 (Online), (Springer).
4. Umakanta Mishra, “An inventory model for parameter Weibull deterioration in trapezoidal demand under shortages”, Journal of Statistics & Management Systems 19,5, 2016, Print ISSN: 0972-0510, Online ISSN: 2169-0014 (Taylor & Francis).
5. Umakanta Mishra, “An inventory model for two parameter Weibull deterioration and declining demand under shortages, Journal of Information and Optimization Sciences, 37, 4,2016, Print ISSN: 0252-2667, Online ISSN: 2169-0103 (Taylor & Francis).

6. Umakanta Mishra, An inventory model for controllable probabilistic deterioration rate under shortages, *Evolving Systems*, DOI:10.1007/s12530-016-9150-z, ISSN: 1868-6478 (Print) 1868-6486 (Online), (Springer).
7. Umakanta Mishra, "An inventory model for deteriorating items under trapezoidal type demand and controllable deterioration rate" *Production Engineering*, Volume 9, 3, 351-365 (Springer) ISSN 0944-6524.
8. Umakanta Mishra, A waiting time deterministic inventory model for perishable items in stock and time dependent demand, *International Journal of Systems Assurance Engineering and Management*, DOI: 10.1007/s13198-015-0404-0 (Springer). ISSN 0975-6809.
9. Umakanta Mishra, C.K. Tripathy "An inventory model for Weibull deteriorating items with salvage value" *Int. J. Logistics Systems and Management*, 22,1, 2015, 67-76 (Inderscience Enterprises Ltd.). ISSN online: 1742-7975.
10. Chaitanya Kumar Tripathy & Umakanta Mishra, "An EOQ model with time dependent Weibull deterioration and ramp type demand", *International Journal of Industrial Engineering Computations*, 2 (2011), 307-318. ISSN 1923-2934 (Online)-ISSN 1923-2926 (Print). (Growing Science).
11. Mishra U., Tripathy C.K., "An Inventory Model for Time Dependent Weibull Deterioration with Partial Backlogging", *American Journal of Operational Research*, 2012, 2(2): 11-15. P-ISSN: 2324-6537, e-ISSN: 2324-6545. (Scientific & Academic Publishing)
12. Mishra U., Tripathy C.K., "An EOQ Model for Time Dependent Weibull Deterioration with Linear Demand and Shortages. *LogForum* 8(2), 2012, 123-136. ISSN 1734-459X. (Poznań School of Logistics)

b) Details of Conference/ Workshop

International conferences

1. Presented a paper entitled "An EOQ model with time dependent Weibull deterioration and ramp type demand", in the international congress of Mathematicians satellite international conference on probability and statistics, during 1st September to 3rd September 2010, Sambalpur University.
2. Presented a paper entitled, "An Inventory System for Linear Deteriorating Items with a Ramp Type Demand Function", International conference on applied mathematics & statistics (ICAPMS-2011), during 16th December to 18th 2011, Gujarat University.
3. Presented a paper entitled "An Inventory model for Weibull Deteriorating Items with Salvage Value", International Conference on Optimization Modelling and Applications (OPTIMA-2012), 29th November to 1st December 2012, University of Delhi, Delhi, India.
4. Presented a paper entitled, "An inventory model for controllable probabilistic deterioration rate under shortages", 48th Annual Convention of operational Research Society of India, 2015 and International Conference, Bhubaneswar Chapter, 17th December to 19th December 2015, SOA University, Bhubaneswar, Odisha.

National conferences

1. Presented a paper entitled "An inventory model for time dependent Weibull deterioration with partial backlogging", OMSNCFD, 29th December to 30th December, 2012, Sambalpur University, Odisha.

Workshop

1. Participated in a National Workshop on "Mathematical Aspects of Computer Science" held on during 14th March to 15th March, 2009, Sambalpur University, Odisha.
2. National Workshop on "Computational Information Processing" in collaboration with Indian Statistical Institute, Kolkata, 3rd February to 4th February, 2015, The ICFAI University, Tripura, Tripura.

Reviewer

1. *Computers & Industrial Engineering* (Elsevier)
2. *International Journal of Management Science and Engineering Management* (Taylor & Francis)
3. *International Journal of Systems Assurance Engineering and Management* (Springer)
4. *International Journal of Applied and Computational Mathematics* (Springer)
5. *Control and Cybernetics* (Poland)
6. *Mathematical Problems in Engineering* (Hindawi)

c) Professional membership of reputed bodies if any

1. Life membership in Odisha Mathematical Society
2. Life membership in Operations Research Society, India