

Research Publications:

Sr. No.	Journal Name	Title of paper & authors	Vol. (No.)	Pages/ Category
1.	Statistical Theory and Applications	<u>Bayesian Estimation of System Reliability Models Using Monte-Carlo Technique of Simulation</u>	20(1), 149-163, 2021	149-163, Web of Science, Scopus, C Category
2.	Vision: The Journal of Business Statistics	Structural Equation Modeling to Understand the Impact of various components and the Benefits to Stakeholders	2021	Sage Publication, Scopus, and C Category
3.	International Journal of Agriculture Innovation, Technology and Globalization	<u>Impact of ICT and use of social media on supply chain of horticultural crops in India: structural equation and predictive modeling approach</u>	2 (1), 23-36,2021	Inder Science Publishers
4.	Finance India	To Study The Volatility Dynamics Between Emerging Stock Market Index And US Oil Price Index: A Multivariate Generalized Autoregressive Conditional Heteroscedasticity Modelling Approach	2022	Accepted for Publication in 2022- Scopus, C Category, JEL
5	Electronic Journal of Information Systems Evaluation	The Impact of Social Media Sites on the Effectiveness of Consumer Buying Behavior for Electronics Goods-A Study in India.	Vol. 21, Issue2, 2019	B category (ABDC)
6	Theoretical and Applied Economics	Impact of the Volatility of Indian oil prices on sectorial returns in Indian Equity Markets	Vol. 25, 2018	C category (ABDC List)
7	The Empirical Economics Letters	Moderating Impact of all the Determinants of Investment Decision:	18(2): (February 2019)	C Category

		A Structural Equation Modelling Approach		
8	The Empirical Economics Letters	Financial Models to Study the Impact of Net-performing Assets on Profitability of Banking Sector	Dec. 2017	C Category
9	Annals of “Dunarea de Jos” University of Galati Fascicle I. Economics and Applied Informatics	Comparative Analysis of Market Volatility in Indian Banking and IT Sectors by using Average Decline Model	Dec. 2017	C Category
10.	Journal of Developing Areas	Relationship Between Individual And Structural Determinants On Job Satisfaction –Analysis Of Employee Turnover In Indian Context (Authors – Dr. Kirti Arekar & Dr. Rinku Jain)	July 2016	ISSN 1499-691X B Category (ABDC List)
11	Academy of Taiwan Business Management Review	Reassurance of Family Decision-making and intergeneration influence on Consumer Buying Behavior of Shopping and Convenience Goods. (Authors – Dr. Kirti Arekar & Dr. Rinku Jain)	April 2017	ISSN 1813-0534, vol 13 ,No 1 , B Category (ABDC List)
12	Journal of Applied Business and Economics	Factors influencing gold buying behavior of retail consumers in India with respect to Individual's determinants (Authors – Dr. Kirti Arekar & Dr. Swati Godbole)	July 2017	ISSN 1499-691X, C Category (ABDC List)
13	Journal of Information and Optimization Sciences	Study of Bergman’s Minimal Blood Glucose-Insulin Model By Adomian Decomposition Method. (Authors – Dr. Kirti Arekar & Dr. Rinku Jain)	July 2017	ISSN 0252-2667; Vo. 38, No. 1, C category of ABDC List

14	International Journal of Economic Research	A Study to Categorize the Factors on Consumer Buying Behavior of Shopping and Convenience Goods. (Authors – Dr. Kirti Arekar , Dr. Swati Kulkarni & Dr. Rinku Jain)	Aug. 2016	ISSN no. 0972-9380, C category of ABDC List
15	Model Assisted and Application and Statistics	A structural equation modelling to understand the determinants of employee turnover: An empirical study. (Authors – Dr. Kirti Arekar, Dr. Bharti Deshpande & Dr. Omprakash Gupta)	June 2017	ISSN No. 1574-1699 ; vol. 12, no. 2, pp. 127-136, 2017, C category of ABDC List
16	Humanities and Social Science Review	To Identify the Impact of Factors Related to Job Stress on Managers: An Empirical Study in Information Technology in India. (Authors – Dr. Kirti Arekar & Dr. Bharti Deshpande)	April 2017	ISSN No. 2165 6258; Volume 06, Number 02.
17	IEEE Digital E Explorer Library	The Impact of Effectiveness of the Simulator Training Program on Different factors of Needs and Interest of the Training. (Authors - Dr. Kirti Arekar, Dr. Surender Kumar & Dr. Rinku Jain)	Dec. 2016	
18	Global Economy and Finance; Australia.	Impact of Global Financial Crises on developed and emerging Markets; Author : Dr. Kirti Arekar	Vol. 6, No. 2, Sep. 2013	ISSN : C Category(ABDC List)
19.	American Journal of economics, USA	A comparative study of Gold ETF's with gold spot prices and their performance in India. Authors : Dr.	Vol. 3, no. 3, 2013	ISSN: 2166-4951

		Kirti Arekar & Prof. Swati Godbole		
20	Accounting and Finance Research, Canada	Retail investors and Gold buying behavior – A perpetual study of Indian Retail Investors, (Author : Dr. Kirti Arekar & swati Godbole)	Vol. 3, No. 4, Nov. 2014	ISSN 1927-5986, C Category(ABDC List)
21	International Journal of Applied Business and Economic Research	A study of factors influencing Gold Investment decisions of retail customers in India ; Author : Dr. Kirti Arekar & swati Godbole	Vol.12 No.4 (2014)	ISSN : 0972-7302 C Category(ABDC List)
22	International Journal of Management Cases, UK	Forecasting Gold Spot Prices by Gold ETF's Using Multiple Regression Models ; Authors: Dr. Kirti Arekar & Dr. Rinku Jain	Vol. 16, Issue 4; 2014	ISSN 1741-6264
23	Global review of Accounting and Finance, Australia	Financial Models to Study the Comparison between Indian Stock Prices Behavior with World's Major Stock Exchange	Vol. 6, No. 2, Sep. 2015	ISSN : 1838-1413 C Category(ABDC List)
24	Journal; Global Journal of Finance and Management	Impact of Interest Rate Derivatives on the Liquidity of the Bond Cash Market; Author: Dr. Kirti Arekar.	2, no. 1	pp. 47-58
25	International Journal of Latest trend in computing; UK	NHPP and S-Shaped Models for Testing the Software Failure Process; Author: Dr. Kirti Arekar.	Vol. 2, issue 2	pp. 22-32
26	International Journal of Productivity, Quality and Reliability' Transaction, India.	Reliability Of The System With Varying Workload And Fast Repair By Using	Vol 35, no. 1	Pp35-55

		Weibull Failure And Repair Time Distribution; Author : Dr. Kirti Arekar		
27	South Asian Business Review; Birla Institute of Management & Technology; Noida; India	Is Impulse Buying Product Specific in India? Authors : Dr. Kirti Arekar & Dr. Monika Khanna	Vol.2	Pp 34-49
28	International Journal of Business and Information Technology; UK.	Linking Balanced Card To Performance Management System ; Authors: Kirti Arekar & Bharti Deshpande	Vol. 1, no.1	pp. 109- 113
29	International Journal of applied finance & Banking; USA	Recommended Financial Model for the Selection of Safest portfolio by using Simulation and Optimization Techniques; Authors: Dr. Kirti Arekar & Prof. Sanjiwani Kumar	Vol. 1, no. 1	pp. 131 - 142
30	Journal of Statistical and Econometric Methods (JoSEM); USA	RELIABILITY MODELLING FOR WEAROUT FAILURE PERIOD OF A SINGLE (cited by 4) UNIT SYSTEM; Authors : Dr. Kirti Arekar & Dr. Satish Ailawadi	Vol. 1, no. 1	Pp 33- 41
31	Journal: Advances in Management & Applied Economics; UK	Financial Analysis on Indian Stock Market Volatility during Recession; Authors : Dr. Kirti Arekar & Dr. Rinku Jain (cited by 3)	vol.1, no.3	Pp 127-133
32	PRATIBIMBA: the Journal of IMIS; Orissa, India	Growth of Fruit Based Drinks in India using Exploratory factor Analysis; Authors : Dr. Kirti Arekar	Vol. 12, issue 1	Pp 32-46

33	International Journal of Scientific Research, India	STOCHASTIC BEHAVIOUR OF STANDBY SYSTEM WITH TWO TYPES OF WORKLOAD AND THREE TYPES OF REPAIR; Author : Dr. Kirti Arekar	Volume 3, Issue 6	Pp 39-46
34.	Journal : International Journal of Arts & Science, Central Connecticut State University, USA	A Efficiency of Equity Market Volatility by using Financial Models for Developed and Emerging Markets; Authors : Dr. Kirti Arekar	Vol. 8	Pp 102-115
35	Journal: Research Journal in Organizational Psychology and Educational Studies (RJOPES); USA	Responsible Corporate Governance through Whistle Blowing; Author : Dr. Kirti Arekar	Vol. 2, no. 1	Pp 7-11
36	Journal: Amity Global Business Review; India.	Comparative performance analysis of three sectors: banking, Power and IT; Authors : Dr. Kirti Arekar & Dr. Rinku Jain	Vol. 8	Pp 69-73
37	Journal: Global Journal of science frontier Research: F; USA	Pathway Integral Operator associated with ALEPH function and general polynomial; Authors : Dr. Kirti Arekar & Dr. Rinku Jain, cited by 3	Vol. 13, issue 3	Pp 1-6
38	Journal: International Journal Of Management & Behavioral Sciences; India	Impact Of Homemade Food Products Business In Developing Successful Women Entrepreneurs; Authors : Dr. Kirti Arekar & Prof. Rupali Gadkari	Vol. 3 (special Edition)	Pp 102-108
39	Journal: International Mathematical Forum, Bulgaria ; Europe	Fredholm Type Integral Equations with Aleph-Function And General Polynomials; Authors :	Vol. 8, 2013, no. 20	989 – 999

		Dr. Kirti Arekar & Dr. Rinku Jain			
40	International Journal of Productivity, Quality and Reliability' Transaction, India.	Cost analysis of two-identical unit deteriorating standby system with maintenance, Author : Dr. Kirti Arekar	3	9	2002
41	International Journal (Vikram Science Journal, Ujjain (M.P), India)	A two-identical unit deteriorating standby system with varying workload, Author : Dr. Kirti Arekar	6	12	2003
42	International Journal of Business Insight and Transformation; India.	Creation of an Economic Index on Real Time Basis: A case study; Authors: Dr. Kirti Arekar, Dr. V. Sople & Prof. Sanjay Sinha.	Volume 2; Issue 2	15	2007
43	'Varahmihir `Journal of Mathematical Sciences, School of studies in Mathematics India	A two-identical unit deteriorating standby system with varying workload and post repair; Author : Dr. kirti Arekar	2	12	2002
S.no.	Conference Proceeding	Title of the paper	Volume	issue	Year
1	Conference Proceeding; 3RD international conference on global independence and decision science; administrative staff College of India; Hyderabad. (Award for	A TWO-IDENTICAL UNIT DETERIRATING STANDBY SYSTEM WITH TWO TYPES OF WORKLOAD AND THREE TYPES OF	2	12	2009

	selection of Best Third Research in Inter 3RD International Conference on Global independence and Decision Science; Administrative staff college of India; Hyderabad.	REPAIR; Author : Dr. Kirti Arekar & Satish k			
2	Conference Proceeding; INTERNATIONAL CONFERENCE ON DECISION SCIENCES IN GLOBAL ENTERPRISE MANAGEMENT; IIT POWAI; MUMBAI	Reliability Analysis of model based on fast repair; Author : Dr. Kirti Arekar	1	12	2009
3	Conference Proceedings of 8th Asian Business Research Conference; Bangkok, Thailand.	Impact of Global Financial Crises on Developed and Emerging Markets; Authors : Dr. Kirti Arekar	12	16	2013
4	Proceeding of 2nd International Conference on Advanced Research in Business and Social Sciences 2016, Mirpur University of Science & Technology (MUST) Mirpur A.K	Recommended Financial Models to Analyze the Volatility Pattern in the Emerging and Developed Stock Market	11	5	2016
5	Proceeding of 2nd International Conference on Advanced Research in Business and Social Sciences 2016, Mirpur University of Science & Technology (MUST) Mirpur A.K	Restraining Effect of Job Satisfaction and Organization Commitment on Employee Turnover with respect to Intention to Quit and Search Behavior	ISBN: 978-967-13620-1-3		2016
6	International Journal of Arts and science; University of London, UK	To Identify the Impact of Factors Related to Job Stress on Managers: An Empirical Study in	ISBN 1944-6934		2017

		Information Technology in India			
7	International Journal of Arts and science; University of London, UK	To Identify the Impact of Factors Related to Job Stress on Managers: An Empirical Study in Information Technology in India	ISBN 1944-6934		2017

Chapters in a Book:

Sr. No.	Category	Title of paper & authors	Pages	Year
1	Book: Enhance Competitiveness using Decision Science; India	Simulation Model for the system under three different environmental Conditions; Authors : Dr. Kirti Arekar & Dr. Satish Ailawadi	Pp 337-345	2008
2	Book: Global Recession to Global Recovery; NICOM Ahmadabad	The Intra Day Volatility discovery process using extreme-Value estimators and financial Models; Author : Dr. Kirti Arekar	Pp 37-39	2009
3	Sustaining Shareholder Value: Corporate Finance Practices; Book	Comparison of China's Economic Stimulus Plan with respect to Indian Scenario; Authors : Dr. Kirti Arekar	367-372; issue 2	2008

Papers presented in conferences –

Year	Conferences / Seminars attended	Title of paper read (if any)
2007	International Conference on Present Practices and Future Trends in Quality and Reliability ICONQR”; Indian Statistical Institute; Calcutta; India. National Conference on Management Practices; IIM Ahmadabad. National Conference on Management Practices; IIM Ahmadabad; India	Reliability Model of a system with major and minor repair by varying workload. A two-identical unit deteriorating standby system with Fast Repair. A two-identical unit deteriorating standby system with varying workload and maintenance

2008	International Conference On Statistics and Its Application in Management; IIM Kozhikode	Bayesian Estimation of Two-Identical Deteriorating System Using Monte Carlo Technique of Simulation.
2009	INTERNATIONAL CONFERENCE ON DECISION SCIENCES IN GLOBAL ENTERPRISE MANAGEMENT; IIT POWAI; MUMBAI. 3RD international conference on global independence and decision science; administrative staff college of India; Hyderabad Excellence in research and education conference; IIM Indore AIMS Seventh International Conference on Management; IIM Bangalore. AIMS Seventh International Conference on Management; IIM Bangalore.	A TWO-IDENTICAL UNIT DETERIRATING STANDBY SYSTEM WITH TWO TYPES OF WORKLOAD AND THREE TYPES OF REPAIR. Bayesian Reliability Modeling using an Estimated Priori Distribution. Gender issue in corporate career growth: study of women executives in the corporate sector Models for risk Management in present global economic recession Managing risk in fund management
2010-2011	A Recommended Financial Model for the Selection of Safest portfolio by using Simulation and Optimization Techniques. Comparative Study of different Sectors of Stock Market Volatility in India: During 2007-2010	13 th Nirma International Conference on Management. 2nd IIMA International Conference on Advanced Data Analysis, Business Analytics and Intelligence, January 8-9, 2011; IIM Ahmadabad
2012	An Efficiency of Equity Market Volatility by using Financial Models for Developed and Emerging Markets	Third IJAS conference at Harvard Cambridge, Massachusetts, Boston.
2013	Impact of Global Financial Crises on Developed and Emerging Markets	8th Asian Business Research Conference; April 2013, Bangkok, Thailand.
2014	Forecasting Gold Spot Prices by Gold ETF's Using Multiple Linear Regression Model: an Indian Context	Presented in University of Manchester, UK in Month of April 2014.
2015	A Structural Equation Modeling to Understand the Moderating Effect of Correlates on Structural and Process Determinants	International Conference of technology & Management, American university of Emirates, Dubai, March 2015.

2016	<p>Recommended Financial Models to Analyze the Volatility Pattern in the Emerging and Developed Stock Market.</p> <p>Restraining Effect of Job Satisfaction and Organization Commitment on Employee Turnover with respect to Intention to Quit and Search Behavior</p>	<p>2nd International Conference on Advanced Research in Business and Social Sciences 2016, Mirpur University of Science & Technology (MUST) Mirpur A.K, Bali, Indonesia, Oct. 2016.</p>
2017	<p>Reassurance of Family Decision-making and intergeneration influence on Consumer Buying Behavior of Shopping and Convenience Goods</p> <p>To Identify the Impact of Factors Related to Job Stress on Managers: An Empirical Study in Information Technology in India.</p>	<p>International Conference of Arts and science; University of London, Nov. 2017</p>
2019	<p>Big-Data Modelling to predict consumer buying behavior in e-pharmacy through social media</p>	<p>ANZMAC, wellington University, New Zealand, 2nd- 4th Dec. 2019.</p>