


CURRICULUM VITAE

Name	Dr. KHIMYA TINANI	Photograph
Designation	ASSISTANT PROFESSOR	
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Web-Page		
Educational Qualifications		
Degree	Institution	Year
Ph.D.	THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA, VADODARA	2014
PG	THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA, VADODARA	1997
UG	THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA, VADODARA	1995
Teaching Experience		
23 academic years' experience of teaching statistics from First Year B.Sc. to Final Year M.Sc. students in The Maharaja Sayajirao University of Baroda.		
Research Experience		
<ul style="list-style-type: none"> ➤ 11 years' experience of doing research. ➤ Experience of guiding post graduate students in their project work. 		
Administrative Assignments		
Member of Organizing committee of Science Open House, Supervision duty, Admission duty, Press duty for conducting Entrance Examination, Industrial Visit arrangement, Working as counting officer during the Union/Association Election.		
Areas of Interest / Specialization		
Operations Research, Statistical Inference, Statistical Quality Control, Pattern Recognition.		
Subjects Taught		
Elements of Probability theory, Probability distributions, Descriptive Statistics, Statistical methods, Real Analysis-I, Demography and Actuarial Statistics, Statistical quality control, Data Analysis in R Programming, Data Analysis using Microsoft Excel.		
Publications Profile		
Research Paper Publications in UGC-CARE approved list of journals:		
1) Khimya S Tinani, K Muralidharan, Akash eshmukh, Bhaghyshree Patil, Tanvi Salat and Rajeshwari Rajodia (2020): "Analysis and Forecasting of COVID-19 cases across hotspot states of India" Statistics and Applications, Vol.18 (1), Page No. (223-238), ISSN No.:2452-7395.		

- 2) Khimya S Tinani, Bhargav Choithwani, Bhaghysree Patil, Faiyaz Khan Pathan and Tanvi Salat (2019): "On data transferring speed among various cloud providers: An Experimental study" International Journal of Statistics and Reliability Engineering, Vol.6(2), Issue-6, Page No. (152-161), ISSN No.:2350-0174.
- 3) Khimya S Tinani, Bhargav Choithwani, Bhaghysree Patil, Faiyaz Khan Pathan and Tanvi Salat (2019): "Study on Usage Pattern of Public Cloud Storage" International Journal of Computer Sciences and Engineering, Vol.7, Issue-6, Page No. (922-927), E-ISSN No.:2347-2693.
- 4) Khimya S Tinani and Deepa H Kandpal (2019) "Literature review on methods of classification in pattern recognition " , "IAPQR Transactions", Vol. 44, No.1, Page no. 87-104, ISSN No.: 0970-0102.
- 5) Khimya S Tinani and Deepa H Kandpal (2017): "Analysis of inventory models for randomly available suppliers", "Research Expo international multidisciplinary research Journal", Volume-VII, Issue-IX, Page no. 39-51, ISSN No. :2250-1630.
- 6) Khimya S Tinani and Deepa H Kandpal (2017): "Literature Review on Supply Uncertainty problems: Yield Uncertainty and supply disruption", "Journal of the Indian Society for Probability and Statistics", Vol. 18, Issue-2 (Page No. 89-109), e-ISSN No. 2364-9569.
- 7) Khimya S Tinani and Deepa H Kandpal (2017): "Role of inflation and trade credit in stochastic inventory model" Global and Stochastic Analysis (GSA), Vol. 4 No. 1(page No.:127-138), ISSN No. 2248-9444.
- 8) Nupur Sen, Deepa H Kandpal and Khimya S Tinani (2014): "Barriers and gender issues faced by women in the services sector in Oman", ZENITH International Journal of Multidisciplinary Research, Vol.4 (8), (Page No: 162 to 169), ISSN No. 2231-5780.
- 9) Deepa H Kandpal and Khimya S Tinani and (2013): "Comparative Study of Inventory Model for Duopolistic Market under Trade Credit", International Journal of Statistika and Matematika (IJSAM), Vol. 6, (Page No: 22 to 29), P-ISSN 22772790, E-ISSN 22498605.
- 10) Nupur Sen, Deepa H Kandpal and Khimya S Tinani (2013): "A Study on Career Advancement of Women in the Hospitality Sector in OMAN", "Excel International Journal of Multidisciplinary Management Studies (EIJMMS)" Vol.3 (9) (Page no. 154 to 166),Online ISSN: 2249-8834.
- 11) Deepa H Kandpal and Khimya S Tinani and (2013): "Inflationary inventory model under trade credit subject to supply uncertainty" , International Journal of Management (IJM), Vol 4, Issue 4, (Page No:111-118), P-ISSN : 0976-6502, E-ISSN :0976-6510, Indexed Impact factor is 6.9 (GISI).
- 12) Deepa H Kandpal and Khimya S Tinani and (2013): "Future Supply Uncertainty Model with Deteriorating Items for two suppliers under inflation and permissible delay in payments allowing partial payment" Journal of the Indian Society for Probability and Statistics (ISPS), Vol. 14 (Page No. 38 to 58), ISSN No. 2277-9620.
- 13) Deepa H Kandpal and Khimya S Tinani and (2011): "Perishable- Inventory model under inflation and delay in payment allowing partial payment", "Journal of the Indian Association for Productivity, Quality and Reliability(IAPQR)", Vol 36 No. 2, (Page No. 111-131), ISSN: No.:0970-0102.
- 14) Deepa H Kandpal and Khimya S Tinani and (2010): "Future Supply Uncertainty Model for Deteriorating Items under permissible delay in payment for two suppliers", " Calcutta Statistical Association Bulletin (CSA)", Vol 62, Nos. (247-248), (Page No. 228-246), ISSN No. : 0008-0683.

- 15) Deepa H Kandpal and Khimya S Tinani and (2010): "Future Supply Uncertainty Model for Deteriorating Items under Inflation and permissible delay in payment for two suppliers", "Journal of the Indian Statistical Association (JISA)", Vol. 48 No.2, (Page No. 243-261), ISSN No. :05372585
- 16) Deepa H Kandpal and Khimya S Tinani and (2009): "Future Supply Uncertainty Model for Deteriorating Items under Inflation and permissible delay in payment", Journal of Probability and Statistical Science, 7(2), (Page No. 245- 259), ISSN No. 1726-3328.

Awards/Fellowships

- 1) **Participated and presented** a paper on "Comparative study of Stochastic Inventory Model under Trade Credit for Duopolistic Market" at **Science Excellence-2014** held at **Gujarat University of Ahmedabad** on 4th January 2014 and **awarded First prize**.
- 2) **Participated and presented** a paper on "Analysis of Stochastic Inventory model for Multiple Suppliers" at the Second **International Conference** on Statistics for twenty first century-2016 (ICSTC-2016) organized by **Department of Statistics, University of Kerala Trivandrum** during December, 21-23, 2016 and was honoured with the best paper award for presenting a paper.

Conference Organization/ Presentations

(a) Invited Lectures delivered at National or International Conferences/Seminars:

1. **Delivered** a talk on "Small Area Estimation: Application in Government" in the UGC sponsored State Level Seminar on 'Role of Statistics in Government' held in the Department of Statistics, Faculty of Science, **The Maharaja Sayajirao University of Baroda** on 18th March, 2004.
2. **Delivered lecture** on "Basic Statistical Analysis (M S Excel)" at the national level short term training programme "on use of software for business Economics" organized by Department of Business Economics, Faculty of Commerce, **The Maharaja Sayajirao University of Baroda** on 1st March, 2017.
3. **Delivered talk** on "Journey of future supply uncertainty problems: single, two and multiple suppliers" during National Seminar on Recent advances in Statistics and their applications held at **Sardar Patel University, Vallabh Vidyanagar** on March, 17-18, 2017.
4. **Conducted workshop** on "Basic Statistical analysis using SPSS" for students of MBA program organized by **Institute of Technology and Management Universe, Vadodara** on July, 14-15, 2017.
5. **Delivered lecture** on "Introduction to Statistics" in MEP (50 HR) organized by **IOV Registered Valuers Foundation**, Head Quarter, New Delhi on 1st July, 2018.
6. **Conducted Training program** on Introduction to M S Excel" organized by **Indian Oil Corporation Ltd. at Rajkot** on 28th August, 2018.
7. **Delivered lecture** on "Introduction to Statistics" in MEP (50 HR) organized by **IOV Registered Valuers Foundation**, Head Quarter, New Delhi on 13th October, 2018.

8. **Delivered lecture** on “Overview of **SPSS** and creating datasets of Descriptive Statistics” in 10 days Research Methodology course in social science for research scholars organized by **Institute of Research and Development (IR&D), Raksha Shakti University** at Ahmedabad on 27th November, 2018.
9. **Conducted Training program** on “Data analysis using advanced Microsoft Excel” organized by **Indian Oil Corporation Ltd. at Rajkot.** on 30th November, 2018
10. **Delivered lecture** on “Introduction to Statistics” in MEP (50 HR) organized by **IOV Registered Valuers Foundation**, Head Quarter, New Delhi on 2nd December, 2018.
11. **Conducted one day workshop** on “Quantitative Methods of Data Analysis in Communication Research” organized by **Faculty of Journalism and Communication, The Maharaja Sayajirao University of Baroda** on 5th February, 2019.
12. **Delivered lecture** on “Data Analysis using M. S. Excel” at the national level workshop on “Data Analytics for Research” organized by Department of Business Economics, Faculty of Commerce, **The Maharaja Sayajirao University of Baroda** on 14th March, 2019.
13. **Delivered talk** on “Choosing Correct Statistical Tools for Data Analysis” at the National **Webinar Series** on Research Methodology and Biostatistics Workshop organized by Faculty of Ayurveda, Parul University on 23rd July, 2020.
14. **Delivered lecture** on “Introduction to Medical Statistics” at the National Webinar organized by **Government Ayurvedic College, Junagadh** on 24-25 July, 2020.
15. **Conducted Training program** on “Office 365 New Features and Functionalities” organized by **Indian Oil Corporation Ltd. at Rajkot** on 11th September, 2020.
16. **Delivered a talk** on “Perishable Stochastic Inventory models under inflation and trade credit” during International virtual conference on Prof C. R. Rao’s School of thought on Statistical Sciences during 21st to 22nd and 28th to 29th November, 2020.
17. **Delivered a talk** on “Comparative study of Stochastic Inventory Model for Multiple Supplier” during 23rd Annual Conference of SSCA on Visionary Innovations in Statistical Theory and Applications during 24-28 February, 2020.

(b) Papers presented at National or International Conferences/Seminars:

18. **Participated and presented** a paper on “Future Supply Uncertainty Model for Deteriorating items under Inflation and Permissible delay in payments for Two Suppliers” at the 4th **International Conference** on Quality Reliability and Infocom technology (ICQRIT) jointly organized by society for Reliability Engineering, Quality and Operations Management (SREQOM) , Department of Operational Research, **University of Delhi** during December 18-20, 2009.
19. **Participated and presented** a paper on “Future Supply Uncertainty Model for Deteriorating items under Inflation and Permissible delay in payments allowing partial payments for two Suppliers” at the **International Conference** on Development and Applications of Statistics in Emerging Areas of Science and Technology held at **University of Jammu** during December, 8-10, 2010.
20. **Participated and presented** a paper on “Future Supply Uncertainty Model for Deteriorating items under Permissible delay in payments for two Suppliers” at the **International Conference** on Applied Mathematics and Statistics (ICAPMS-2011) held at **Gujarat University** of Ahmedabad during December, 16-18, 2011.
21. **Participated and presented** a paper on “Stochastic Inventory Model for Perishable items under Permissible Delay in Payment allowing Partial Payment” at the Regional Science Congress on Science for Shaping the Future of India Conference held at **The Maharaja Sayajirao University of Baroda, Vadodara** on September,15-16,2012.

22. **Participated and presented** a paper on “Optimization of Stochastic Inventory Model under Inflation and Trade Credit for Duopolistic Market” at the **International Conference** on Role of Statistics in the Advancement of Science and Technology held at **University of Pune** during December, 16-18, 2013.
23. **Participated and presented** a paper on “Stochastic Inventory model for Perishable products for Oligopoly market” during National Seminar on Research in Statistical Science: Present and Future held at **Sardar Patel University, Vallabh Vidyanagar** on February, 21-22, 2014.
24. **Participated and presented** a paper on “Perishable products Stochastic Inventory model under inflation and Trade credit” during National Seminar on Role of Statistics in Current Scenario held at Department of Statistics, **Veer Narmad South Gujarat University, Surat** on 27th March 2016.

Memberships of Professional Bodies:

- Life Member of Indian society for Probability and Statistics(ISPS)(Number: LM/2010/35/878)
- Life member of Society of Statistics, Computer and Applications (Number: LM 441)