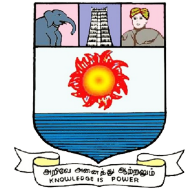




Dr. K. MANOJ

Assistant Professor, Department of Statistics
School of Mathematical Sciences
Manonmaniam Sundaranar University

@ manoj@msuniv.ac.in 0462-256-3438
Department of Statistics, MS University, Abhishekapatti, Tirunelveli - 627 012.
Tirunelveli, Tamil Nadu, India www.drkmanoj.wordpress.com drkmanoj
drkmanoj 0000-0002-0022-9011 +91-9486864138



"Stay calm and Work Hard for your Own Satisfaction"

ACADEMIC APPOINTMENTS (9 YEARS COMPLETED)

Assistant Professor (Academic Level 11)

Manonmaniam Sundaranar University

November 2020 – Present Abhishekapatti, Tirunelveli

Assistant Professor (Academic Level 10)

Manonmaniam Sundaranar University

November 2016 – November 2022 Abhishekapatti, Tirunelveli

Assistant Professor (Temporary)

Manonmaniam Sundaranar University

July 2016 – November 2016 Abhishekapatti, Tirunelveli

EDUCATIONAL BACKGROUND

Ph.D. in Statistics

Manonmaniam Sundaranar University

June 2011 – May 2016 Abhishekapatti, Tirunelveli

Thesis Title: Outlier Detection in Data Mining
Supervisor: Dr. K. Senthamrai Kannan

M.Phil. in Statistics

Annamalai University

Sept 2010 – June 2011 Annamalai Nagar, Chidambaram

Dissertation: HIV Replication Model for the Succeeding period.

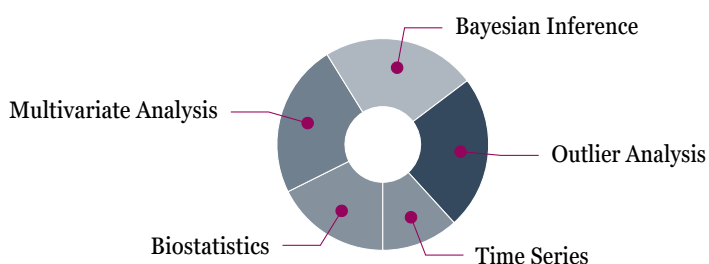
M.Sc. in Statistics with Computer Applications (Integrated)

Annamalai University

Sept 2005 – June 2010 Annamalai Nagar, Chidambaram

Project Title: A Comparative Study on Socio-Economic Status of Two Villages in Sirkali Taluk, Nagapattinam District.

AREAS OF EXPERTISE (EXPERIENCE: 15 YEARS)



ADMINISTRATIVE ROLES

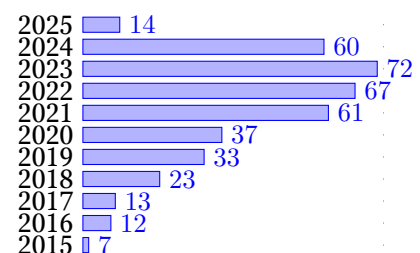
- Deputy Warden**
Men's Hostel, MS University
- Board of Studies Member**
M.Sc., Statistics & Data Analytics
- NAAC Preparation Committee**
MS University (2017 & 2025)
- University Representative**
MSU Affiliated College
- Convocation Committee Member**
Active Member of MSU Convocation
- Inspection Commission Member**
MS University Affiliated Colleges
- Residential Tutor (2016 - 2021)**
Gents Hostel, MS University
- Welfare Committee Member**
Gents Hostel, MS University
- Faculty-in-Charge**
Department Annual Stock verification
- Executive Committee Member**
MS University Alumni Association

HONORS AND AWARDS

- Academic Reviewer Award (2018)**
New Delhi publisher & AJAD Analytica
- Best Faculty Award (2018)**
IARA, Tamil Nadu
- RGNF (2011-2016)**
University Grants Commission (UGC)

CITATION INDEX

Scopus Citations: 66 | (h - index: 2)
Google Scholar: 404 | (h - index: 6)



Books

- **Manoj, K.**, A. Peter, and P. Kumar, **Machine Learning for Effective Data Mining: Algorithms and Approach**. Notion Press, May 2023, **Available online**, ISBN: 9798890661029.
- **Manoj, K.**, **Payanangalil Nerudiya Ninaivugal**. Notion Press, 2023, **Available online**, ISBN: 9798890663306.
- K. Senthamarai Kannan and **Manoj, K.**, **Identifying Outliers in Data Mining**, 1st ed. Chess Educational Publishers, May 2016, ISBN: 9789385666049.

Book Chapters

- **Manoj, K.** and K. Senthamarai Kannan, “Statistical outliers and related topics,” in M. M. Ali, R. Imon, I. Ali, and H. M. Yousof, Eds., First. CRC Press, Taylor & Franscis Group, Jan. 2025, ch. **5. Statistical Methods for Identifying Outliers in Univariate and Multivariate Data**, p. 77, **Available online**, ISBN: 9781032460567.
- **Manoj, K.** and A. J. Mona, “Emerging innovations and applications in computer science, statistics and data science,” in V. Prakash, M. G, and P. Arumugam, Eds. Beyond Line Publisher, 2024, ch. **26. Menstrual Cycle Prediction using Logistic Regression**, pp. 214–220, **Available online**, ISBN: 9789395659932.
- **Manoj, K.** and V. Deneshkumar, “A statistical approach to nutrition and human health,” in A. Kumar and S. Singh, Eds., 1st ed. Vandita Publishing House, Delhi, 2022, ch. **6. Analysis and Prediction of Diabetes using Principal Component Analysis**, p. 122, ISBN: 9789386661029.

Journal Articles

- A. Peter, **Manoj, K.**, and P. Kumar, “Credit card fraud detection using artificial neural networks,” *NeuroQuantology*, vol. 20, no. 17, pp. 772–776, 2022.
- A. Peter, **Manoj, K.**, and P. Kumar, “Prediction of breast cancer using machine learning techniques – a comparative study,” *NeuroQuantology*, vol. 20, no. 14, pp. 1101–1106, 2022.
- A. Peter, **Manoj, K.**, and P. Kumar, “Medical diagnostic system based on data mining classification techniques,” *Annals of the Romanian Society for Cell Biology*, vol. 24, no. 2, pp. 1257–1261, Dec. 2020, ISSN: 1583-6258.
- R. Rajanbabu, G. Monikanda Prasad, and **Manoj, K.**, “An analysis of volatility in the foreign exchange reserves in india,” *Inforkara Research*, vol. 8, no. 12, pp. 489–503, 2019.
- G. Sampath, K. S. Kannan, and **Manoj, K.**, “Robust regression models for identifying outliers in medical data,” *Research & Reviews: Journal of Statistics*, vol. 7, no. 1, 69s–76sp, 2018.
- S. Stephen Raj, K. Senthamarai Kannan, and **Manoj, K.**, “Principal component analysis for outlier detection,” *Research & Reviews: Journal of Statistics*, vol. 7, no. 1, 62s–68sp, 2018.
- E. Enanalap Periyar and **Manoj, K.**, “Patterns of murders and revenge murders at tirunelveli and tuticorin districts in tamilnadu: A comparative analysis,” *International Research Journal on Police Science*, vol. 3, no. 2, pp. 40–47, 2017.
- K. S. Kannan and **Manoj, K.**, “Clustering algorithm based outlier detection in data mining,” *International Journal of Computer Application*, vol. 6, no. 4, pp. 9–19, 2016.

- Purchase of Equipment (Software), Rs.1.5 lakh, UGC XII Plan Grant, Manonmaniam Sundaranar University, 2017

TEACHING SUBJECTS (PG LEVEL)

- Multivariate Analysis
- Sampling Techniques
- Distribution Theory
- Design of Experiments
- Operations Research
- Programming in R
- Programming in Python
- Statistics Practical using Software (R)
- Statistics Practical using Software (Python)
- Demography
- Financial Statistics
- Soft Skills (UG Data Science)

RESEARCH/PROJECT SUPERVISION

Programme	Ph.D	M.Phil	M.Sc
Awarded	01	01	47
Submitted		NA	
Ongoing	04	NA	06

PH.D. SUPERVISION

- **Dr. A. Peter: Awarded (2023)**
Thesis Title & URL Link: Applications of Machine Learning Techniques in Data Mining <http://hdl.handle.net/10603/503445>
- **Mr. S. Haafiz Ahmed Hafeez (2021):**
Title: Bayesian Methods for the Analysis of Misclassified Multivariate Data
- **Mr. P. Balamurugan (2021):**
Title: Machine Learning Approach for Outlier Detection
- **Mr. A. Tamilarasan (2023):**
Title: Robust Multivariate Techniques for Outlier Detection in Medical Data
- **Ms. Ashlin J Mona (2024):**
Title: Survival Analysis for Assessing Time - to - Event Outcomes in Cancer Research

M.PHIL SUPERVISION

- **Mr. S. L. Nitin (2018): Awarded**
A Review on Intervened Poisson Distribution

- K. Senthamarai Kannan and **Manoj, K.**, “Outlier detection in multivariate data,” *Applied Mathematical Sciences*, vol. 9, no. 45-48, pp. 2317–2324, 2015, ISSN: 1314-7552. doi: <http://dx.doi.org/10.12988/ams.2015.53213>.
- K. Senthamarai Kannan, **Manoj, K.**, and S. Arumugam, “Labeling methods for identifying outliers,” *International Journal of Statistics and Systems*, vol. 10, no. 2, pp. 231–238, 2015.
- **Manoj, K.** and K. S. Kannan, “Comparison of methods for detecting outliers,” *International Journal of Scientific & Engineering Research*, vol. 4, no. 9, pp. 709–714, 2013.

Conference Proceedings

- A. Peter, K. Manoj, and P. Kumar, “Blockchain and machine learning approaches for credit card fraud detection,” in *2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT)*, Available online, 2023, pp. 1034–1041. doi: 10.1109/ICSSIT55814.2023.10060999.
- **Manoj, K.**, “Recent trends in stochastic modeling and its applications,” in *International Conference on Recent Trends in Stochastic Modeling and Its Applications*, ser. Souvenir, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, Jan. 2020.
- **Manoj, K.**, “Robust outlier detection in multivariate samples,” in *National Conference on Stochastic Modeling and Its Applications*, Manonmaniam Sundaranar University, Tirunelveli, Manonmaniam Sundaranar University, Tirunelveli, 2017.
- **Manoj, K.**, “Principal component analysis for outlier detection in multidimensional scaling technique,” in *Silver Jubilee International Conference on Interdisciplinary Mathematics, Statistics and Computational Techniques (IMSCT -FIM XXV)*, Manipal University Jaipur, 2016.
- **Manoj, K.** and K. Senthamarai Kannan, “Outlier detection in multivariate data,” in *Proceedings of the International Conference on Mathematics And its Applications-2014*, C. Ramachandran and R.Sudhesh, Eds., University College of Engineering, Villupuram, Anna University, Chennai, India, Dec. 2014, pp. 1150–1159.
- **Manoj, K.**, “National conference on stochastic modeling and its applications,” in *Stochastic Modeling and Its Applications*, Department of Statistics, Manonmaniam Sundaranar University, 2012.

CONFERENCE, SEMINAR & WORKSHOP ORGANIZATION

- 📅 **Two-Days Seminar on Statistical Software for Data Analysis** (Coordinator), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, February 27 & 28, 2025.
- 📅 **Workshop on Stochastic Modelling using Software** (Coordinator), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, March 21–26, 2022.
- 📅 **National Webinar on Research Methodology and Data Analysis Using SPSS** (Coordinator), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, November 27–28, 2020.
- 📅 **Webinar on Connecting the World with Data** (Coordinator), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, October 20, 2020.
- 📅 **Web-quiz in Statistics on National Statistical Day 2020** (Organizing Committee Member), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, June 29, 2020.
- 📅 **UGC Sponsored International Conference on Recent Trends in Stochastic Modeling and Its Applications** (Organizing Committee Member), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, January 09–11, 2020.

1. *Stochastic Modelling for Petrol and Gold Price Prediction* (2022)
2. *A Statistical Study on Parturition of Women on Kovilpatti Region* (2022)
3. *A Comparative Study on Socio-Economic Status of IT Employees in Tamil Nadu And Karnataka* (2022)
4. *A Survey on Mobile Addiction for College Students in Tirunelveli* (2022)
5. *Epidemiology and Transmission Dynamics of Covid-19 in Tamil Nadu* (2022)
6. *The Statistical Analysis between Life Insurance and General Insurance* (2022)
7. *A Study on Addiction of Mobile Games and Regular Games among School Students* (2022)
8. *A Survey on Customer Satisfaction Towards Online Shopping* (2022)
9. *A Study on Consumer Usage and Satisfaction in Online Payment* (2022)
10. *The Statistical Analysis to Predict used Car Price across various Platforms* (2022)
11. *A Survey on Crime against Women in Tenkasi* (2022)
12. *A Survey on Socio-Economic Status of Agriculture Labour, Vitilapuram Village, Srivaikundam Taluk, Thoothukudi District, Tamil Nadu* (2021)
13. *Multiple Logistic Regression Model for Cesarean Deliveries* (2021)
14. *A Study on Impacts of Roadside Vendors at Tourist Place during and after Lockdown in Tenkasi District* (2021)
15. *Multiple Logistic Regression Model for Diagnosis of Stroke* (2021)
16. *Time Series Analysis of Road Accident in Tamil Nadu* (2020)
17. *A Study on Students Stress Level in MS University, Tirunelveli* (2020)
18. *A Comparative Study on Socio Economic Status of Two Villages in Tirunelveli District* (2020)
19. *A Statistical Analysis on Non-communicable disease in Tirunelveli* (2020)
20. *A Survey on Prediction of Liver Patients using Liver Function Test* (2020)
21. *Usage of Internet Resources and Its Effects in MS University Students, Abishekapatti, Tirunelveli.* (2020)
22. *Forecasting Rice Production in India using Time Series Analysis* (2020)
23. *A Statistical Study on Women’s Faced their Problem in Society* (2020)
24. *A Socio-Economic Status of Beedi Workers in Thachanallur, Tirunelveli* (2019)
25. *A Socio-Economic Status of Cotton Mill Workers in Rajapalayam, Viruthunagar District* (2019)
26. *A Survey on Game Addiction of Post Graduate Students in MS University, Tirunelveli* (2019)
27. *A Survey On Socio-Economic Status of Cheramahadevi Tirunelveli District* (2019)
28. *Exponential Smoothing on Market Borrowing by State Government* (2019)
29. *A Statistical Study on Car Evaluation data using*

- 📅 **International Conference on Recent Trends in Stochastic Modeling and Its Applications** (Organizing Committee Member), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, January 08–09, 2018.
- 📅 **Two-day Workshop on Statistical Computations using SPSS & R** (Organizer), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, June 01–02, 2017.
- 📅 **National Conference on Stochastic Modeling and Its Applications** (Organizing Committee Member), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, January 04–05, 2017.
- 📅 **Special Lecture on Career-Oriented Programme in Medical Statistics** (Organizer), Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, August 01–02, 2016.

INVITED LECTURES / RESOURCE PERSON

- 2024 **One Day State Level Workshop on Data Analytics using SPSS**, PG Department of Mathematics & Department of Data Science, Syed Hameedha Arts and Science College, Kilakarai, October 10, 2024.
- 2023 **Lecture on Statistics in Clinical Research at Siddhaphilia - Science Club Meeting**, Siddha Clinical Research Unit, Palayamkottai, October 18, 2023, Tirunelveli
- 2023 **Workshop on Research Methodology and Technical Writing**, Department of Statistics, Periyar University, January 27, 2023, Salem
- 2022 **Webinar on Recent Trends in Data Analytics**, Department of Statistics, Rathinam Arts and Science College, October 21, 2022, Coimbatore
- 2022 **Two Days Online National Workshop on Descriptive Data Analysis using Open Source Softwares**, Department of Statistics, D.H.S.K. Commerce College, April 25-26, 2022, Dibrugarh (Assam)
- 2022 **Seven Days National Workshop on Advanced Research on Time Series Modeling and Business Forecasting**, Department of Statistics, Periyar University, March 1-7, 2022, Salem
- 2021 **Webinar Series - Research for Beginners (Online)**, Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, October 04-08, 2021, Chennai
- 2021 **Workshop on Descriptive Statistics in Research (Online)**, Internal Quality Assurance Cell (IQAC) and PG & Research Department of Commerce, Shri Shankarlal Sundaribai Shasun Jain College for Women, June 05, 2021, Chennai
- 2021 **Statistical Analysis Using R and Python (Resource Person - Online)**, Department of Statistics, Periyar University, March 18-19, 2021, Salem
- 2018 **Scope of Statistics in the field of Commerce**, Department of Commerce, Holy Cross Home Science College, July 12, 2018, Tuticorin
- 2017 **A 3 Day Computer Training Programme for Recruit Police Constables**, CSE, CITE & Statistics, Manonmaniam Sundaranar University, November 27-29, 2017, Tirunelveli
- 2017 **Introduction of Statistics Career Guidance and its Applications**, Department of Statistics, G. Venkataswamy Naidu College, June 27, 2017, Kovilpatti
- 2015 **Demonstrate the software SPSS for Students**, Department of Mathematics, St. Xavier's College (Autonomous), March 09 & 10, 2015, Tirunelveli

🌟 PAPER PRESENTED IN SEMINAR/ CONFERENCE/ WORKSHOP

- 2024 **Hybrid Robust Lasso for Outlier Detection in High-Dimensional Data**, **International Conference on Innovative Trends in Statistics, Optimization, and Data Science (IC-ITSODS-2024)**, 44th Annual convention of Indian Society for Probability and Statistics (ISPS) and 8th Convention of Indian Association for Reliability and Statistics (IARS), Kurukshetra University, Kurukshetra, Haryana, India December 21-23, 2024.
- 2023 **Blockchain and Machine Learning Approaches for Credit Card Fraud Detection**, **International Conference on Smart Systems and Inventive Technology**, Francis Xavier Engineering College, Tirunelveli, January 23-25, 2023.
- 2020 **Machine Learning techniques for classification of Medical Data**, **International Conference on Recent Trends in Stochastic Modeling and Its Applications**, M S University, Tirunelveli, January 09–11, 2020.

- KNN classification and Decision Tree (2019)
- 30. **Data Mining on Market Basket Analysis** (2019)
- 31. **A Survey on Mobile Phone users in Thiruvattar Town Kanyakumari District** (2018)
- 32. **A Survey on Usage of Laptops in Women's Hostel**, MS University, Tirunelveli (2018)
- 33. **A Statistical Study on Diabetes Affected People in Tirunelveli Town** (2018)
- 34. **A Survey on People Purchasing Behaviour in Tenkasi Taluk** (2018)
- 35. **A Study on Wheat Production in India through Time Series Analysis** (2018)
- 36. **A Statistical Analysis on Goods and Service Tax in Tirunelveli Junction and Town** (2018)

UGC RECOGNIZED COURSES ATTENDED

Refresher Course in Mathematics & Statistics

UGC - HRDC, Himachal Pradesh University, Shimla

📅 Feb 12 - 24, 2024 📍 Shimla

Refresher Course in Math, Stat, Comp.Sci.& Astro.

UGC - HRDC, University of Lucknow

📅 Feb 17 - 29, 2020 📍 Lucknow

Orientation Programme (4 Weeks)


UGC - HRDC, Jawaharlal Nehru University

📅 Oct 8 - Nov 2, 2018 📍 New Delhi


ADDITIONAL PROGRAMMES ATTENDED

- 2020 **Faculty Development Programme on Online Medium** Manonmaniam Sundaranar University July 9-15, 2020, Tirunelveli
- 2017 **Orientation Programme for Research Supervisors of MSU IQAC & Centre for Research**, MSU, November 1, 2017, Tirunelveli
- 2017 **orientation programme for government, Aided & Autonomous College Teachers of MSU** Manonmaniam Sundaranar University September 15, 2017 Tirunelveli
- 2017 **Faculty Development Programme Department of Business Management**, MSU Feb 24 - Mar 3, 2017 Tirunelveli
- 2016 **Orientation Programme on Newly Recruiters Teachers of Manonmaniam Sundaranar University (Under UGC – XII Plan) Centre for Curriculum and Faculty Development**, Manonmaniam Sundaranar University December 2, 2016 Tirunelveli

OBSERVER / EXAMINER / DC MEMBER

 **Observer JEE (Main) 2025 Session 1** by National Testing Agency (NTA)

 **Observer NEET (UG) (2023 & 2024)** by National Testing Agency (NTA)

 **Subject Expert(Board Member) (2023-24)** Kendriya Vidyalaya, Naval Base, Vijayanarayanam, Tirunelveli.

 **Doctoral Committee Member** Ph.D., Scholar(Statistics), MSU

- 2018 **A Survey on Outlier Detection Methods and Its Applications**, **International Conference on Quality Enhancement in Academic Research**, Jamal Mohamed College, Trichirappalli, April 21, 2018.
- 2017 **Robust Outlier Detection in Multivariate Samples**, **National Conference on Stochastic Modeling and Its Applications**, Manonmaniam Sundaranar University, Tirunelveli, January 04–05, 2017.
- 2015 **Identifying Outliers in Medical Data using Labeling Methods**, **Department of Statistics, Presidency College**, Chennai, during February 27-28, 2015.
- 2015 **A comparative study on Nearest-Neighbor based Outlier Detection in Data Mining**, **International Conference on Emerging Trends in Science, Engineering, Business and Disaster Management**, Noorul Islam University, Kumaracoil, February 27–28, 2015.
- 2014 **Outlier Detection in Multivariate Data**, **International Conference on Mathematics and its Applications (ICMAA-2014)**, Anna university college of Engineering, Villupuram, December 15–17, 2014.
- 2014 **Unmasking Outlier detection and its Applications on Reliability Theory and Survival Analysis**, **Department of Statistics, Annamalai University**, Annamalainagar, November 17–19, 2014.
- 2013 **Outlier Detection In Univariate Data Discordancy Tests**, **Department of Statistics, ICMR**, Chennai, December 27-28, 2013.

SEMINAR/ CONFERENCE/ WORKSHOP PARTICIPATIONS

Conferences and International Events:

- International Conference on Smart Systems and Inventive Technology (ICSSIT 2023), Francis Xavier Engineering College, Tirunelveli, January 23-25, 2023.
- International Conference on Recent Trends in Stochastic Modeling and Its Applications (ICRTSMA2020), Manonmaniam Sundaranar University, Tirunelveli, January 09– 11, 2020.
- Two Day National Conference on Swami Vivekananda's Thoughts on Education and Present-Day Educational Atmosphere, Centre for Swami Vivekananda Studies, Manonmaniam Sundaranar University, Tirunelveli, September 10 & 11, 2018.
- International Conference on Quality Enhancement in Academic Research, Jamal Mohamed College, Trichirappalli, April 21, 2018.
- National Conference on Stochastic Modelling and Its Applications, Manonmaniam Sundaranar University, Tirunelveli, January 04 – 05, 2017.
- International Conference on Emerging Trends in Science, Engineering, Business and Disaster Management, Noorul Islam University, Kumaracoil, February 27 – 28, 2015.
- International Conference on Mathematics and its Applications (ICMAA-2014), Anna university college of Engineering, Villupuram, December 15 – 17, 2014.
- International Conference on Frontiers and its Applications, Department of Statistics, Pondicherry University, Puducherry, December 21-23, 2012.
- National Conference on Stochastic Modeling and Its Applications, Manonmaniam Sundaranar University, Tirunelveli.

Workshops and Training Programs:

- A One-Day Workshop on Intellectual Property Rights, IQAC, M S University, Tirunelveli, February 15, 2023.
- A One-Day Training on preparation of Revised Bloom's Taxonomy - based Internal and Semester Exam Question Papers, IQAC, M S University, Tirunelveli, January 24, 2023.
- Hands-On Training on PFMS for Teaching and Administrative Staff, IQAC & Centre for Special and Movement Education, School of Education, Manonmaniam Sundaranar University, Tirunelveli, October 19 - 23, 2020.
- MHRD sponsored Workshop on Data Analysis for Higher Education Teachers, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, January 7 - 8, 2020.
- New Trends on Stochastic Processes, SQC & Reliability Using R Programming, Department of Statistics, Annamalai University,



Flying Squad Member
DD&CE MSU Examinations



External Examiner
PG & UG Practical Examinations

PROFESSIONAL MEMBERSHIPS



Member - International Society for Clinical Biostatistics (ISCB)
Member ID: 6081



Life Member - Indian Society for Probability and Statistics (ISPS)
Member ID: LM/2013/48/1007



Member - International Association of Engineers (IAENG)
Member ID: 164943



Member - Internet Society (ISOC)
Member ID: 124040



Senior Member - International Society for Research and Development (ISRD)
Member ID: SR4150900592

JOURNAL & BOOK REVIEWER



Peer Reviewer Asian Journal of Probability and Statistics
Asian Journal of Probability and Statistics



Peer Reviewer Archives of Current Research International
Archives of Current Research



Table of Contents Reviewed: Introductory Statistics, Tenth Edition by Prem S. Mann Wiley



Peer Reviewer - International Journal of Agricultural and Statistical Sciences
Connect Journals



Peer Reviewer - Communications in Statistics Theory and Methods
Taylor & Francis



Peer Reviewer - Journal of Modern Applied Statistical Methods
Wayne State University



Book Reviewer - Advances in Applied Statistics (ISBN: 978-93-88879-28-6)
New Delhi Publisher



TECHNICAL SKILLS

- Statistical Analysis: R, Python, SPSS
- Document Preparation: MS-office, \LaTeX
- Web Development: HTML, Blogger
- Design Software: Adobe Photoshop

COURSE E - CONTENT DEVELOPMENT

- Sampling Techniques: Unit 1 Lecture Notes
- Multivariate Analysis: Unit 1 Lecture Notes
- Multivariate Analysis: Unit 2 Lecture Notes
- Operations Research: Unit 5 Lecture Notes

Annamalainagar during July 11 & 12, 2019.

- International Workshop on Recent Trends in Stochastic Modeling and Its Applications, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, January 11 & 12, 2019.
- One day Workshop on MOOCs through SWAYAM, organized by Manonmaniam Sundaranar University, Tirunelveli, November 19, 2018.
- Three-day National Level Trainers of Training on Social Entrepreneurship, Department of Education, Manonmaniam Sundaranar University, November 16 to 18, 2018.
- Training Programme on Effective Implementation of the Child and Adolescent Labor Prohibition & Regulation Act, Department of criminology & Criminal Justice, Manonmaniam Sundaranar University, Tirunelveli, August 24, 2017.
- One day Training Programme on Effective Utilization of E-Resources, University Library, Manonmaniam Sundaranar University, Tirunelveli during August 10, 2017.
- One Day Training on high Impact Teaching Skills, Internal Quality Assurance Cell, Manonmaniam Sundaranar University, Tirunelveli, July 19, 2017.
- Workshop on Computational Statistics, Interdisciplinary Statistical Research Unit (ISRU), Indian Statistical Institute (ISI), Kolkata, February 22 - 26, 2016.
- Workshop on High Dimensional Statistical Computations Using R, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, during July 21 - 24, 2014.
- Workshop on Stochastic Modeling in System Engineering, Department of Mathematics, Coimbatore Institute of Technology, Coimbatore, March 14 & 15, 2014.
- Workshop on Advanced Training Programme in Statistics (Sponsor by Indian Statistical Institute (ISI), Chennai), Department of Statistics, Indira Gandhi College of Arts and Science, Pondicherry, November 18 - 22, 2013.
- Workshop on Training Programme on Applications of SAS, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, October 28 - 31, 2013.
- Workshop cum Seminar on Recent Advancements in Statistical Research, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, August 1 - 3, 2013.
- Workshop for Beginners in Research on Statistical Software Packages, Department of Statistics and Curriculum Development Cell, Manonmaniam Sundaranar University, Tirunelveli, March 13 - 15, 2013.
- Workshop on Applications of SAS Software, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, February 25 - 27, 2013.
- Workshop on Mobilization of Impact Making R&D Projects, Curriculum Development Cell held at Manonmaniam Sundaranar University, Tirunelveli, December 11 & 12, 2012.

Seminars and Symposiums:

- MHRD sponsored One day Symposium on Teaching Criminology & Victimology – Yesterday, Today & Tomorrow, Department of Criminology and Criminal Justice, Manonmaniam Sundaranar University; Tirunelveli, September 5, 2019.
- One Day Seminar on Quality Research and Publications, organized by Centre for Research, Manonmaniam Sundaranar University; Tirunelveli, December 7, 2018.
- National Colloquium on Technology enabled learning, Manonmaniam Sundaranar University; Tirunelveli collaborated with IIT Bombay, Mumbai and MHRD, New Delhi on April 19, 2018.
- Statistics Day Celebrations, Ministry of Statistics & Programme Implementation Government of India, NSSO (FOD) Tamil Nadu. June 29, 2014.
- Seminar on MATLAB & Simulink for Engineering Education, Math Works India Private Limited held on Tirunelveli, January 7, 2014.
- One day Symposium on Statistics held at Indian Statistical Institute (ISI), Chennai Center during April 13, 2013.

CHAIRPERSON / REVIEW COMMITTEE

- Served as a **Co-Chair for a Parallel Session** at the International Conference on Innovative Paradigm: A Multidisciplinary Approach to Contemporary Crime Issues & Challenges, held on March 6-7, 2025, organized by the Department of Criminology and Criminal Justice, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, in collaboration with the Indian Society of Criminology – Tirunelveli Branch.
- Served as a **Peer Committee Member** in the UGC-sponsored *First International and Fourth Annual Postgraduate Criminology Conference* at Manonmaniam Sundaranar University, Tirunelveli, held on March 6-7, 2020.
- Served as a **Technical Session Member** in the UGC-sponsored *First International and Fourth Annual Postgraduate Criminology Conference* at Manonmaniam Sundaranar University, Tirunelveli, held on March 6-7, 2020.



STUDENT CO-CURRICULAR ACTIVITIES

- ☛ Mentor and Project Supervisor for PG Statistics students, providing guidance and support throughout their research projects
- ☛ Conduct seminars and assign assignments regularly to enhance students' understanding of statistical concepts
- ☛ Offer career counseling sessions to students, assisting them in making informed decisions about their future paths
- ☛ Served as a Mentor to the Gents Hostel at M S University (2016 - 2021), providing guidance and support to students residing in the hostel



COURSE COORDINATOR EXPERIENCE

Coordinated and managed **Certificate Course in Machine Learning** at Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli [2023 - 2024]

- ☛ Developed curriculum, assignments, and assessments in collaboration with faculty.
- ☛ Organized course meetings, managed logistics, and addressed student inquiries.
- ☛ Monitored student progress, assessed assignments/exams, and provided feedback.
- ☛ Collaborated with other coordinators and faculty for consistency and quality.
- ☛ Implemented improvements based on feedback and evaluation.

BLOGS/ WEBSITE



<https://statweb.blogspot.com/>



<https://researchmining.blogspot.com/>



<https://manojeblogs.blogspot.in/>

- State Level Seminar on “Cellular Automata” held at Department of Mathematics, Sadakathulla Appa College, Tirunelveli during March 1, 2013.

ACADEMIC IDENTITY

Academic Identity	URL
 Scopus	https://www.scopus.com/authid/detail.uri?authorId=57202613654
 WoS ResearcherID: M-4563-2015	https://www.webofscience.com/wos/author/record/M-4563-2015
 Google Scholar ID	https://scholar.google.co.in/citations?user=54h_-8EAAAAJ&hl=
 Vidwan-ID:105219	https://msuniv.irins.org/profile/105219
 0000-0002-0022-9011	https://orcid.org/0000-0002-0022-9011
 Research Gate	https://www.researchgate.net/profile/Manoj-Kuppusamy

***** (CV Last Update April 15, 2025) *****