



Dr. K. MANOJ

Assistant Professor (Academic Level - 11)
Department of Statistics
Manonmaniam Sundaranar University

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“Stay calm and Work Hard for your Own Satisfaction”

TEACHING EXPERIENCE (7 YEARS)

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

EDUCATION

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 Annamalainagar, Chidambaram

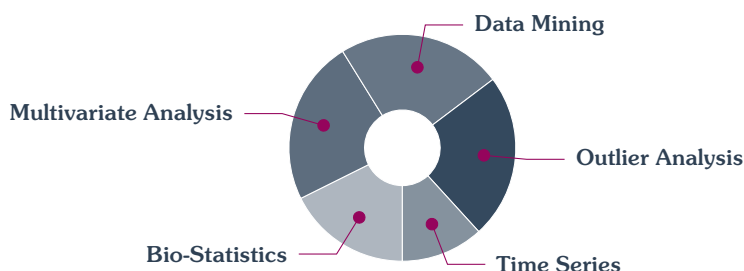
Dissertation Title: HIV Replication Model for the Succeeding period
Supervisor: Dr. G. Meenakshi

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

Annamalai University
Sept 2005 – June 2010 Annamalainagar, Chidambaram

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

AREA OF RESEARCH INTEREST



ADMINISTRATIVE RESPONSIBILITIES

- NAAC Criteria Preparation Committee MS University (2017 & 2023)
- Board of Studies Member M.Sc., Statistics & Data Analytics
- 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 / AWARDS / FELLOWSHIP

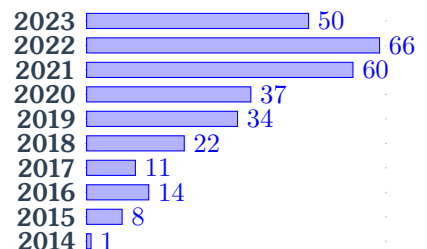
- Academic Reviewer Award (2018) New Delhi publisher & AJAD Analytica
- Best Faculty Award (2018) by IARA, Tamil Nadu
- Rajiv Gandhi National Fellowship(2011) University Grants Commission (UGC)

COMPUTING / SOFTWARE SKILLS

- Statistical Analysis: R, SPSS, STATISTICA
- Programming: Python, Java , C++
- Document Preparation: MS-office, L^AT_EX
- Web Development: HTML
- Design Software: Adobe Photoshop

CITATION INDEX

Scopus Citations - 49 | (h - index: 01)
Google Scholar Citations - 304 | (h-index: 05)



Purchase of Equipment (Software) - (Rs. 1.5 lakh) (2017)

UGC XII Plan Grant (Seed Money) by MS University

- Procured **Statistica Software** to facilitate and support research activities within the department, enabling advanced data analysis and statistical modeling for research projects.

 PUBLICATIONS

 Books

- K. Manoj, Payanangalil Nerudiaya Ninaivugal. Notion Press, 2023, Tamil Novel, ISBN: 979-88-906-6330-6. [Online]. Available: <https://notionpress.com/read/payanangalil-nerudiya-ninaivugal>.
- K. Manoj, A. Peter, and P. Kumar, Machine Learning for Effective Data Mining: Algorithms and Approach. Notion Press, May 2023, ISBN: 979-88-906-6102-9. [Online]. Available: <https://notionpress.com>.
- K. Senthamarai Kannan and **Manoj, K**, Identifying Outliers in Data Mining. Chess Educational Publishers, 2016, ISBN: 978-93-8566-604-9.

 Book Chapters

- **Manoj, K** and K. Senthamarai Kannan, “Statistical outliers and related topics,” in D. Ali, Ed. CRC Press, Taylor & Francis Group, 2023, ch. 5. **Statistical Methods for Identifying Outliers in Univariate and Multivariate Data**, p. 37, (Review/Print in Press), ISBN: 978-10-32460-56-7.
- **Manoj, K** and V. Deneshkumar, “A statistical approach to nutrition & 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: 978-93-86661-02-9.

 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. E. 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.

- Multivariate Analysis
- Sampling Techniques
- Distribution Theory
- Operations Research
- Programming in R and Python
- Statistics Practical using Software (R)
- Statistics Practical using Software (Python)
- Demography
- Financial Statistics
- Linear Algebra

JOURNAL ARTICLE/BOOK REVIEWER

-  **Table of Contents Reviewed for Adaptation of Introductory Statistics, Tenth Edition by Prem S. Mann**
Wiley
-  **Article reviewed -International Journal of Agricultural and Statistical Sciences**
Connect Journals
-  **Article reviewed - Communications in Statistics Theory and Methods**
Taylor & Francis
-  **Article reviewed in the Journal of Modern Applied Statistical Methods**
Wayne State University
-  **Academic reviewer for the book titled Advances in Applied Statistics (ISBN: 978-93-88879-28-6)**
New Delhi Publisher

 RESEARCH / PROJECT SUPERVISION

Programme	Ph.D	M.Phil	M.Sc
Awarded	01	01	36
Submitted		NA	
Ongoing	02	NA	11

SUPERVISION OF RESEARCH SCHOLARS

-  **Mr. A. Peter (2017 - 2023): Applications of Machine Learning Techniques in Data Mining**
Status: Degree Awarded | URL Link: <http://hdl.handle.net/10603/503445>
-  **Mr. S. Haafiz Ahmed Hafeez (2021): Bayesian Methods for the Analysis of Misclassified Multivariate Data**
Status: Ongoing
-  **Mr. P. Balamurugan (2021): Machine Learning Approach for Outlier Detection**
Status: Ongoing

- 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.
- 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, **Manoj, K**, 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), IEEE Xplore, Mar. 2023, pp. 1034–1041. DOI: 10.1109/ICSSIT55814.2023.10060999. [Online]. Available: <https://ieeexplore.ieee.org/abstract/document/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.

INVITED LECTURES / RESOURCE PERSON

Workshop on Research Methodology and Technical Writing

Department of Statistics, Periyar University

 January 27, 2023  Salem

Webinar on Recent Trends in Data Analytics

Department of Statistics, Rathinam Arts and Science College

 October 21, 2022  Coimbatore

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)

SUPERVISED M.PHIL STUDENT

 **Mr. S. L. Nitin (2017-2018): A Review on Intervened Poisson Distribution**

Status: Degree Awarded

UGC / AICTE RECOGNIZED ORIENTATION / REFRESHER / WINTER / SUMMER COURSES

Refresher Course in Mathematics, Statistics, Computer Science & Astronomy (2 Weeks)

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

One-Week Faculty Development Programme on Online Medium

Manonmaniam Sundaranar University

 July 9-15, 2020  Tirunelveli

A One Day Research Orientation Programme for Research Supervisors of Manonmaniam Sundaranar University

Internal Quality Assurance Cell & Centre for Research, Manonmaniam Sundaranar University

 November 1, 2017  Tirunelveli

One day orientation programme for government, Aided and Autonomous College Teachers of Manonmaniam Sundaranar University (Under UGC - XII Plan)

Manonmaniam Sundaranar University

 September 15, 2017  Tirunelveli

Faculty Development Programme

Department of Business Management, MS University

 Feb 24 - Mar 3, 2017  Tirunelveli

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

TRANSLATION WORKS: INDIAN & FOREIGN LANGUAGE

As a team member, I have made **contribution with the Tamil Nadu Textbook Corporation to translate the famous book "Statistical Methods"** written by S.P. Gupta and published by Sultan Chand & Sons.

Seven Days National Workshop on Advanced Research on Time Series Modeling and Business Forecasting

Department of Statistics, Periyar University

📅 March 1-7, 2022

📍 Salem

Webinar Series - Research for Beginners (Online)

Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women

📅 October 04-08, 2021

📍 Chennai

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

Statistical Analysis Using R and Python (Resource Person - Online)

Department of Statistics, Periyar University

📅 March 18-19, 2021

📍 Salem

Scope of Statistics in the field of Commerce

Department of Commerce, Holy Cross Home Science College

📅 July 12, 2018

📍 Tuticorin

A 3 Day Computer Training Programme for Recruit Police Constables

CSE, CITE & Statistics, Manonmaniam Sundaranar University

📅 November 27-29, 2017

📍 Tirunelveli

Introduction of Statistics Career Guidance and its Applications

Department of Statistics, G. Venkataswamy Naidu college

📅 June 27, 2017

📍 Kovilpatti

Demonstrate the software SPSS for Student

Department of Mathematics, St. Xavier's College (Autonomous)

📅 March 09 & 10, 2015

📍 Tirunelveli

📅 CONFERENCE/WORKSHOP/SEMINAR ORGANIZED

Coordinated and organized a One Week Workshop on Stochastic Modelling using Software

Department of Statistics, Manonmaniam Sundaranar University,

📅 March 21 - 26, 2022

📍 Tirunelveli

Coordinated and organized a National Webinar on Research Methodology and Data Analysis Using SPSS

Department of Statistics, Manonmaniam Sundaranar University,

📅 November 27 & 28, 2020

📍 Tirunelveli

Coordinated and organized a Webinar on Connecting the World with Data

Department of Statistics, Manonmaniam Sundaranar University

📅 October 20, 2020

📍 Tirunelveli

Served as an Organizing Committee Member for the Web-quiz in Statistics on National Statistical Day 2020 with the birth anniversary celebration of Prof. P.C.Mahalanobis

Department of Statistics, Manonmaniam Sundaranar University

📅 June 29, 2020

📍 Tirunelveli

Served as an Organizing Committee Member for the UGC sponsored International Conference on Recent Trends in Stochastic Modeling and Its Applications (ICRTSMA-2020)

Department of Statistics, Manonmaniam Sundaranar University

📅 January 09 - 11, 2020

📍 Tirunelveli



OBSERVER / EXAMINER / DC MEMBER



NTA Observer - NEET (UG) - 2023

by National Testing Agency (NTA)



Subject Expert - Interview Board

Member (2023-24)

Kendriya Vidyalaya, Naval Base, Vijayanarayanam, Tirunelveli.



Doctoral Committee Member

Ph.D., Scholar(Statistics), MSU



Flying Squad Member

DD&CE MSU Examinations



External Examiner

PG & UG Practical Examinations



PAPER PRESENTED IN SEMINAR/ CONFERENCE/ WORKSHOP

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

Served as an Organizing Committee Member for the International Conference on Recent Trends in Stochastic Modeling and Its Applications (ICRTSMA-2018)

Department of Statistics, Manonmaniam Sundaranar University

📅 January 08 & 09, 2018 📍 Tirunelveli

Organized Two-day Workshop on Statistical Computations using SPSS & R

Department of Statistics, Manonmaniam Sundaranar University

📅 June 01 & 02, 2017 📍 Tirunelveli

Served as an Organizing Committee Member for the National Conference on Stochastic Modeling and Its Applications (NCSMA-2017)

Department of Statistics, Manonmaniam Sundaranar University

📅 January 04 & 05, 2017 📍 Tirunelveli

Organized a One-day special lecture on Career Oriented Programme in Medical Statistics

Department of Statistics, Manonmaniam Sundaranar University

📅 August 01 & 02, 2016 📍 Tirunelveli

🌿 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.

PROFESSIONAL AFFILIATIONS

- 👥 **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 (ISRDI)**
Member ID: SR4150900592

PG MINOR & MAJOR PROJECTS COMPLETED

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, Vitolapuram 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)

- PHands-On Training on PFMS for Teaching and Administrative Staff, International Quality Assurance Cell (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, 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.
- 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 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)

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.

CONTRIBUTION TO DEVELOPMENT OF E - CONTENT MODULE IN COMPLETE COURSE/ PAPER/ E BOOK

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


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

CHAIR PERSON / REVIEW COMMITTEE

- **Peer - Committee Member** in the UGC sponsored First International and Fourth Annual Post Graduate Criminology Conference at Manonmaniam Sundaranar University, Tirunelveli, March 6 -7, 2020.
- **Technical Session Member** in the UGC sponsored First International and Fourth Annual Post Graduate Criminology Conference at Manonmaniam Sundaranar University, Tirunelveli on March 6 -7, 2020.

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/141631
 Google Scholar ID	https://scholar.google.co.in/citations?user=54h_-8EAAA&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 October 16, 2023) *****

STUDENT RELATED 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

BLOGS/ WEBSITE

[Statistics Tutorials](#)
[Research Methodology](#)
[Free eBooks Online](#)

LANGUAGES (READ/WRITE/SPEAK)

English (R+W+S) 
 Tamil (R+W+S) 
 Hindi (Learning) 