

# Dr. M. MANOPRABHA

Assistant Professor,

Department of Statistics and Applied Mathematics, School of Mathematics and Computer Sciences, Central University of Tamil Nadu, Neelakudy, Thiruvarur - 610 005, Tamil Nadu State, India

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## EDUCATION

2017 - 2021

**Ph.D STATISTICS**

Manonmaniam Sundaranar University,  
Tirunelveli

2016 - 2017

**M.Phil STATISTICS**

Manonmaniam Sundaranar University,  
Tirunelveli

2014 - 2016

**M.Sc STATISTICS**

Manonmaniam Sundaranar University,  
Tirunelveli

2011 - 2014

**B.Sc MATHEMATICS**

Sri Parasakthi College for Women,  
Courtrallam

## RESEARCH

Markov Chain Modeling for Chronic Diseases

**Ph.D STATISTICS**

Manonmaniam Sundaranar University, Tirunelveli

## TEACHING EXPERIENCE

Assistant Professor

**Fatima College**

Madurai  
From July 2021 to Jan 2023

Guest Lecturer

**Govt. Arts and Science College,**  
Sankarankovil

From Jan 2023 to Jun 2023

## TECHNICAL COURSE

Diploma in Computer Application

Rural & Urban Computer Literacy Promotion Council  
Sep 2010

Typewriting English

Department of Technical Education  
Feb 2013

## CERTIFICATE COURSE

Introduction to R Software  
2019

National Programme on Technology Enhanced  
Learning (NPTEL)

## TECHNICAL SKILLS

Statistical & Computational Softwares

SPSS, R, Python

## PUBLICATIONS

PUBLICATION	DETAILS
<b>“Markov Chain Modeling for Immunological Status of HIV Patients”</b> Deneshkumar V, Manoprabha M & Senthamarai Kannan K, 2018.	Communication in Statistics: Case studies, Data Analysis and Application vol.5, no.2, pp.85-91, ISSN: 2373-7484.
<b>“Comparison of Datamining Techniques for Prediction of Breast Cancer”</b> Deneshkumar V, Manoprabha M & Senthamarai Kannan K, 2019.	International Journal of Scientific & Technology Research vol.8, no.8, pp.1332-1337, ISSN:2277-8616.
<b>“Semiparametric Regression Model for Predicting the Survival of Myocardial Infarction Patients”</b> Deneshkumar V, Manoprabha M & Senthamarai Kannan K, 2019.	The International Journal of Analytical and Experimental Modal Analysis vol.11, no.9, pp.1628-1642, ISSN: 0886-9367.
<b>“Multiple Sequence Alignment with Hidden Markov Model for Diabetic Genome”</b> Deneshkumar V, Manoprabha M & Senthamarai Kannan K, 2020.	Test Engineering and Management pp.1235-1242, ISSN: 093-4120.
<b>“Survival Regression Model for Predicting Chronic Kidney Disease”</b> Deneshkumar V, Manoprabha M, Balasubramaniam R & Senthamarai Kannan K, 2021.	Annals of the Romanian Society for Cell Biology vol.25, no.4, pp.2153-2159, ISSN: 1583-6258.
<b>“Exploring Breadfruit Peel Waste as a Potential Source of Bio-ethanol Production”</b> M. Chitra, K. Rama Krishna, Suchitra Rakesh, Ramesh Kumar, M. Manoprabha, 2024.	Biomass Conversion and Biorefinery ISSN: 2190-6815.

## PAPER PRESENTED

PAPER PRESENTED	ORGANIZED BY
<b>“Unraveling Pattern and Forecasting Urban Rainfall”</b> International Conference on Mathematics and its Applications in Science and Technology (ICMAST-2024)	Jointly organized by Central University of Punjab, SRMS and Pondicherry University Held during August 30-31, 2024
<b>“Multiple Sequence Alignment with Hidden Markov Model for Diabetic Genome”</b> National Conference on Theoretical and Applied Statistics	Kristu Jayanti College, Bangalore Dept. of Statistics, Jan 23 <sup>rd</sup> -24 <sup>th</sup> , 2020
<b>“Profile Hidden Markov Model in Genomic Alignment”</b> International Conference on Recent Trends in Stochastic Modeling and Its Applications (ICRTSMA 2020)	Manonmaniam Sundaranar University, Tirunelveli Dept. of Statistics, Jan 09 - 11, 2020
<b>“Predicting the Cardiac Graft Survival Based on Decision Tree Modeling”</b> International Workshop on Recent Trends in Stochastic Modeling and Its Applications (IWRTSMA 2019)	Manonmaniam Sundaranar University, Tirunelveli Dept. of Statistics, Jan 11&12, 2019
<b>“Semiparametric Regression Model for Predicting the Survival of Myocardial Infarction Patients”</b> Advances in Mathematical and Applied Science	Dr. MGR Janaki College of Arts and Science for Women, Chennai Dept. of Mathematics, 27 Sep 2019.

## WORKSHOPS/TRAINING PROGRAMMES ATTENDED

WORKSHOPS/TRAINING PROGRAMMES	ORGANIZED BY
<b>Online Training on Become a smart researcher: Essential Tips and Step-by-step Guide to ONOS and Springer Nature Platforms</b>	Springer Nature On April 17, 2025.
<b>Two-days Pedagogy workshop on Design &amp; Entrepreneurship (FDP)</b>	NIFTEM – T On March 11 & 12, 2025.
<b>UGC-Sponsored online Faculty Induction Programme - 11</b>	UGC-MMTTC, Bharathiar University Held from Jan 22, 2025 – Feb 18, 2025.
<b>Five-day Faculty Development Program cum workshop on “Harnessing NLP and ML techniques for social media data analysis for Indian Language”</b>	Department of Computer Science and Engineering, IIIT- Kottayam Held during June 24 – 28, 2024.
<b>Faculty Training Program on “Reach before you Teach: Empowering Mentors”</b>	Central University of Tamil Nadu and coordinated by Department of Applied Psychology Held on Feb 27 – 29, 2024.
<b>Faculty Induction Programme</b>	Fatima College, Madurai Internal Quality Assurance Cell, Aug 7, 2021

**International Conference on Advances in Statistical Methods and Applications (ICASMA- 2022)**

University of Madras, Chennai  
Dept. of Statistics, Jan 24 & 25, 2022.

**Workshop on Data Analysis for Higher Education Teachers**

Manonmanium Sundaranar University, Tirunelveli  
Dept. of Statistics, Jan 07&08, 2020

**One day Seminar on Quality Research and Publications**

Manonmanium Sundaranar University, Tirunelveli  
Centre for Research, Dec 07, 2018

**Workshop on Computational Statistics**

Indian Statistical Institute, Kolkata  
Interdisciplinary Statistical Research Unit (ISRU), ISI, March 19-23, 2018

**Workshop on Statistical Methods in Medical Services**

Manonmanium Sundaranar University, Tirunelveli  
Dept. of Statistics, Nov 09&10, 2017

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## **PROGRAMME ORGANIZED**

**National Webinar on Skill Enhancement on Statistical Techniques in Industries**

At Department of Statistics and Applied Mathematics, Central University of Tamil Nadu  
On Nov 18, 2023

**Two-day Training Program on Digital Literacy Focussing on Skill Development and Awareness on Higher Education for Rural Youth of Thiruvarur**

Sponsored by Rajiv Gandhi National Institute of Youth Development  
Held during March 4 & 5, 2024

**Organizing Committee member for National Mathematics Day 2024**

Jointly organized by National Council for Science and Technology Communication, Tamil Nadu State Council for Science and Technology & Central University of Tamil Nadu  
Held on Jan 3, 2025

**Organizing Committee member for Symposium on Equity, Rights and Opportunities in Higher Education 2025 (SEROHE 2025)**

Sponsored by Central University of Tamil Nadu  
Held during March 19 & 20, 2025

**Invited Lecture on Convergence of Integral in Measure Theory and on Youth Entrepreneurship**

Sponsored by Ministry of Education under Capacity Building Program on Design and Entrepreneurship (CBDE) held at Department of Statistics and Applied Mathematics, Central University of Tamil Nadu  
Held during April 8 & 9, 2025

**Organizing Committee member for  
International Women's Day Celebration -  
2025**

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Central University of Tamil Nadu  
Held on March 15, 2025

**ADMINISTRATIVE RESPONSIBILITIES**

<b>Purchase Officer-II (In charge)</b>	Central University of Tamil Nadu From Aug 28, 2023 – March 17, 2025
<b>Member of Equal Opportunity Cell</b>	Central University of Tamil Nadu
<b>Member of SC / ST cell</b>	Central University of Tamil Nadu
<b>Member of Grievance Redressal Committee for the Teachers</b>	Central University of Tamil Nadu
<b>Alumni Coordinator</b>	Department of Statistics and Applied Mathematics, Central University of Tamil Nadu
<b>Samarth Alumni Portal Handling Staff</b>	Central University of Tamil Nadu
<b>Interview Panel member for appointment of Guest Faculty</b>	Central University of Tamil Nadu
<b>Interview Panel member for appointment of Research Assistants</b>	Central University of Tamil Nadu
<b>Faculty Coordinator for Capacity Building for Design and Entrepreneurship</b>	Department of Statistics and Applied Mathematics, Central University of Tamil Nadu
<b>Admission Committee member</b>	Department of Statistics and Applied Mathematics, Central University of Tamil Nadu
<b>Doctoral Research Committee member</b>	Department of Statistics and Applied Mathematics, Central University of Tamil Nadu
<b>Research Advisory Committee member for three research scholars</b>	Central University of Tamil Nadu

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**DECLARATION**

I hereby declare that the above information is correct and true to the best of my knowledge.



**(MANOPRABHA M)**