

# Dr. M. MANOPRABHA

Assistant Professor,  
Department of Statistics and Applied Mathematics,  
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## EDUCATION

2017 - 2021	<b>Ph.D STATISTICS</b> Manonmaniam Sundaranar University, Tirunelveli
2016 - 2017	<b>M.Phil STATISTICS</b> Manonmaniam Sundaranar University, Tirunelveli
2014 - 2016	<b>M.Sc STATISTICS</b> Manonmaniam Sundaranar University, Tirunelveli
2011 - 2014	<b>B.Sc MATHEMATICS</b> 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

## AWARDS

Awarded by Bharat Ratna Dr. M. G. Ramachandran Centenary Research Fellowship

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## RESEARCH INTEREST

1. Markov Chain Modeling
  2. Bio Statistics
  3. Data Mining
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## CERTIFICATE COURSE

Introduction to R Software  
2019

National Programme on Technology Enhanced  
Learning (NPTEL)

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## CO-CURRICULAR

PAPER PRESENTED	ORGANIZED BY
<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)	Manonmanium 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)	Manonmanium Sundaranar University, Tirunelveli Dept. of Statistics, Jan 11&12, 2019
<b>“Semiparameteric Regression Model for Predicting the Survival of Myocardial Infraction 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.

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## 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.

## WORKSHOPS/TRAINING PROGRAMMES ATTENDED

WORKSHOPS/TRAINING PROGRAMMES	ORGANIZED BY
<b>Faculty Induction Programme</b>	Fatima College, Madurai Internal Quality Assurance Cell, Aug 7, 2021
<b>International Conference on Advances in Statistical Methods and Applications (ICASMA-2022)</b>	University of Madras, Chennai Dept. of Statistics, Jan 24 <sup>th</sup> & 25 <sup>th</sup> , 2022
<b>Workshop on Data Analysis for Higher Education Teachers</b>	Manonmanium Sundaranar University, Tirunelveli Dept. of Statistics, Jan 07&08, 2020
<b>One day Seminar on Quality Research and Publications</b>	Manonmanium Sundaranar University, Tirunelveli Centre for Research, Dec 07, 2018
<b>Workshop on Computational Statistics</b>	Indian Statistical Institute, Kolkata Interdisciplinary Statistical Research Unit (ISRU), ISI, March 19-23, 2018
<b>Workshop on Statistical Methods in Medical Services</b>	Manonmanium Sundaranar University, Tirunelveli Dept. of Statistics, Nov 09&10, 2017

## TECHNICAL SKILLS

**Statistical & Computational Softwares**

SPSS, R, Python

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## DECLARATION

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

**(MANOPRABHA M)**