

## Curriculum Vitae

Name : **Dr. M.SEENIVASAN**  
(in Capital Letters)

Designation : Assistant Professor

Date of Birth : 15.05.1967

Nationality : Indian

Official Address : Department of Mathematics,  
Annamalai University,  
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Tamil Nadu.

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Educational Qualifications: M.Sc., M.Phil., Ph.D., P.G.D.C.A., B.Ed.

<b>Degree</b>	<b>University</b>	<b>Year</b>	<b>Class/Grade</b>
B. Sc.	Madurai Kamaraj University	1987	I class
M. Sc.(Applied Maths)	Madurai Kamaraj University	1989	I class
P.G.D.C.A	Alagappa University	1992	I class
B. Ed.	Madurai Kamaraj University	1993	I class
M. Phil.	Annamalai University	2004	I class
Ph. D.	Annamalai University	2012	Awarded

Additional Qualification: Passed **SLET examination**, September 1990,  
University of Madras.

Title of Ph. D. Thesis : Contributions To The Study On Some Retrieval  
Queuing Models

**Positions held:**

<b>Institution</b>	<b>Designation</b>	<b>Period</b>
Gomathi ammal Polytecnic, Malaiyadikurchi	Associate Lecturer	July 1989 to Dec 1992
St.Xavier's College, Palayamkottai	Lecturer	July 2000 to Dec 2000
Annamalai University	Lecturer	Oct 2002 to Oct 2007
Annamalai University	Lecturer (Senior)	Oct 2007 to 2008
Annamalai University	Assistant Professor	2008 till date

Area of Research : Stochastic Processes

Research : Successfully guided M. Phil - 07

**Publications:**

National : 05

International : 02

Total : 07

**National:**

1. R. Kalyanaraman and M. Seenivasan, The Stationary analysis of a Retrial Queue with multi server, *Proceedings of National Seminar on Mathematical Methods for Research*, AVC College (Autonomous), Mayiladuthurai, February 2008,1-12.
2. R. Kalyanaraman and M. Seenivasan, The Stationary analysis of M/M/4/4+1 queuing Model, *Annamalai University Science Journal* 46[2010] 103-110.

**International:**

1. R. Kalyanaraman and M. Seenivasan, A multi server retrial queuing system with unreliable server, *International Journal of Computational Cognition*, September 2010, 113-120.

2. R. Kalyanaraman and M. Seenivasan, A multi server retrial queuing system with breakdown and geometric loss, *International Journal of Computational Cognition*, March 2011, 44-48.
3. R. Kalyanaraman and M. Seenivasan, A retrial queuing system with geometric loss with feedback, *Proceedings of International Conference on Mathematical and Computational Models*, PSG College of Technology, Coimbatore, December 2011, 108-118.
4. R. Kalyanaraman and M. Seenivasan, A single sever retrial queue with orbital search, *Proceedings of International Conference on Applied Mathematical Models*, PSG College of Technology, Coimbatore, January 03-05, 2014, 36-40.
5. R. Kalyanaraman and M. Seenivasan, The Stationary Analysis of M/M/5/5+1 Queueing model with linear retrial rate, *Proceedings of International Conference on Mathematical Sciences*, Sathyabama University, Chennai, July 17-19, 2014, 749-753, published by *Elsevier*.
6. R. Kalyanaraman and M. Seenivasan , Retrial Queuing Systes With Two and Three Servers, *Proceedings of in the International Conference on Mathematics and its Applications (ICMAA- 2014)* , University of Engineering , Villupuram, December 15 – 17 , 2014,
7. R. Kalyanaraman and M. Seenivasan , The Stationary Analysis of A Single Server Retrial Queue With Server Breakdown and Geometric Loss, *Jamal Academic Research Journal -Inter Disciplinary* , January 22 – 23 , 2015

#### **Extension Activities:**

1. **Placement Co-ordinator** in the Department of Mathematics Annamalai University from September 2003 to till date.
2. **N.S.S. Program Officer** in Unit 19, Department of Mathematics Annamalai University from January 2014 to till date.
3. Member in **National Advisory Board** of *International Journal of Engineering Studies and Technical Approach*.

## **Details of Seminars/Workshops/Conferences attended:**

### **Seminars:**

1. Participated in the Instructional Seminar on “*Real Life Applications Of Mathematics*” at Faculty of Engineering & Technology, Mathematics Section, Annamalai University, Annamalinagar during 26<sup>th</sup>-27<sup>th</sup>, October, 2002.
2. Participated in the UGC Sponsored National Seminar on “*Automata and Computation*” at Faculty of Engineering & Technology , Mathematics Section, Annamalai University, Annamalinagar during 1<sup>st</sup>-2<sup>nd</sup>, February , 2003.
3. Participated in the UGC sponsored National seminar on *Statistical models and methods for Data analysis-Recent Development* at Department of Statistics, Annamalai University, on 8<sup>th</sup>-10<sup>th</sup>, March, 2006.
4. Participated in the National Seminar on *Stochastic Processes and its Applications* organized by the Department of Mathematics, Annamalai University during 15<sup>th</sup>-16<sup>th</sup>, March , 2007.
5. Participated and presented a paper entitled “*The Stationary Analysis of a Retrial Queue with Multi server*” in the “National Seminar on Mathematical Methods for Research” organized by the Department of Mathematics, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, during 8<sup>th</sup> – 9<sup>th</sup> , February, 2008.
6. Participated and presented a paper entitled “*A Stationary Analysis of M/M/4/4+1 Queuing Model*” in the “National Seminar on Recent Trends in Applied Mathematics (RTAM-2008)” organized by Mathematics Section, Faculty of Engineering and Technology, Annamalai University, Annamalainagar, during 7<sup>th</sup> – 8<sup>th</sup> , March, 2008.

### **Workshops:**

1. UGC sponsored workshop on software development in Statistical applications, Department of Statistics, Annamalai University, Annamalainagar, during 11<sup>th</sup> - 12<sup>th</sup>, March, 2004.

2. Participated in the “*Instructional Workshop on Graph Theory*” organized by the Department of Mathematics Annamalai University, Annamalainagar during 29<sup>th</sup> December, 2009 to 11<sup>th</sup> January, 2010.
3. Participated in the “*Instructional Workshop on Random Processes and their Application*”, organized by the Department of Mathematics Annamalai University, Annamalainagar, during 10<sup>th</sup> - 23<sup>rd</sup>, November, 2010.
4. Participated in the “*Workshop on University faculty being a role model for the students*” organized by the “Annamalai University and conducted by Haselfre”, during 17<sup>th</sup> -19<sup>th</sup> August, 2012.

### **National Conferences:**

1. Participated in the 94<sup>th</sup> Indian Science Congress held at Annamalai University, Annamalainagar during , 3 - 7, January , 2007.
2. Participated in the National Conference on Graph theory, Algorithms and their Applications organized by the Department of Computer Science and Engineering and Department of Mathematics, Annamalai University, Annamalainagar, during 6<sup>th</sup>-7<sup>th</sup>, June , 2007.
3. Participated in the “*National Conference on Mathematical Modelling-2009*” organized by the Department of Mathematics, Annamalai University Annamalainagr during 26<sup>th</sup>-28<sup>th</sup>, March, 2009.
4. Participated and Presented a paper entitled “*A Multi server retrial Queue with breakdown and Geometric loss*” in the “National Conference on Discrete Mathematics, Algebra and their Applications -2009” organized by the Department of Mathematics, Karpagam University, Coimbatore, during 22<sup>nd</sup> – 23<sup>th</sup>, December, 2009.
5. Participated the “*National Conference on Recent Trends in Fuzzy Mathematics*” organized by the Mathematics Wing, D.D.E., Annamalai University during 14<sup>th</sup> - 15<sup>th</sup> June, 2010.
6. Participated and Presented a paper entitled “*Finite source retrial queue with orbital search*” in the “National Conference on

Mathematical Modelling and its Applications 2013”, organized by Department of Mathematics, Annamalai University, Annamalainagar, during 21<sup>st</sup> – 22<sup>nd</sup> February, 2013.

7. Participated and presented a paper entitled ” The Single-Server Retrial Queue With State Dependent Retrial Rate” in the “National Conference On Challenges And Application Of Computational Mechanics CACM 2014” organized by Department of Mathematics, Annamalai University, Annamalainagar, during 21<sup>st</sup> – 22<sup>nd</sup> March, 2013.

### **International Conferences:**

1. Participated in the “International Symposium on Probability Theory and Stochastic Processes in honour of Prof. S.R.S. Varadhan FRS ” organized by the Department of Mathematics, Cochin University of Science & Technology during February 6<sup>th</sup> - 9<sup>th</sup>, 2009.
2. Participated and Presented a paper entitled “A *Stationary Analysis of M/M/5/5+1 Queuing Model*” in the “International Conference on optimization and its Applications” organized by Department of Mathematics, Banaras Hindu University, Varanasi during 16<sup>th</sup> – 18<sup>th</sup> February, 2010.
3. Participated and Presented a paper entitled “A *retrial queuing system with geometric loss with feedback*” in the “International Conference on Mathematical and Computational Models”, organized by Department of Mathematics, PSG College of Technology, Coimbatore, during 19<sup>th</sup> – 21<sup>nd</sup> December, 2011.
4. Participated and Presented a paper entitled “A *single server retrial queue with orbital search*” in the “International Conference on Mathematical Modeling and its Applications 2012”, organized by Department of Mathematics, Annamalai University, Annamalainagar, during 22<sup>nd</sup> – 24<sup>th</sup> December, 2012.
5. Participated and Presented a paper entitled “A *Single Server Retrial Queue with Orbital Search*” in the “International Conference on Applied Mathematical Models-ICAMM 2014”, organized by Department of Mathematics, PSG College of Technology, Coimbatore, during 3<sup>rd</sup> – 5<sup>th</sup> January, 2014.

6. Participated and Presented a paper entitled “ *The Stationary Analysis of M/M/5/5+1 Queuing Model With Linear Retrial*” in the “International Conference on Applied Mathematical Models- ICAMM 2014”, organized by Department of Mathematics, Satyabama University Chennai, during 17<sup>th</sup> – 20<sup>th</sup> July, 2014.
7. Participated and Presented a paper entitled “ *Retrial Queuing Systes With Two and Three Servers*” in the “International Conference on Mathematics and its Applications (ICMAA- 2014)” organized by Department of Mathematics, University of Engineering , Villupuram, during 15<sup>th</sup> – 17<sup>th</sup> December, 2014.

### **Faculty Development Program:**

1. Participated the “*In service training Programme*” conducted by Annamalai University , during 1<sup>st</sup> -21<sup>nd</sup> , March, 2003.
2. Participated the “*NSS Orientation Course*” Conducting by “Empanelled Training Institution, Madras School of Social Work, Chennai”, during 12<sup>th</sup>- 18<sup>th</sup> February , 2014.
3. Participated the “*Workshop on University faculty being a role model for the students*” conducted by Haselfre, during 17<sup>th</sup> -19<sup>th</sup> August, 2012.
4. Participated the “*Staff Training programme on Attitudinal Change, Time Management for Teachers, Class Room Management Skills, Motivating the Students*” conducted by Department of Statistics, Staff Training and Development Center, Annamalai University, during 24<sup>th</sup> -25<sup>th</sup> March, 2014.

### **UGC sponsored / Orientation / refresher courses:**

1. Participated “*UGC sponsored Orientation Course*” conducted by “UGC-Academic Staff College, Bharathidasan University, Thiruchirappali-620023”, during May 17<sup>th</sup>- June 13<sup>th</sup> , 2003.
2. Participated “*UGC sponsored Refresher Course*” conducted by UGC-Academic Staff College, Pondicherry University, Puducherry, during 5<sup>th</sup>- 25<sup>th</sup> December, 2007.

## **Invited Talk:**

1. Delivered a talk on Logical Reasoning in “*SET Coaching Programme for SC/ST, Minority and OBC Students*” conducted by the Department of Economics during 13<sup>th</sup> July– 12<sup>nd</sup> August, 2012.

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