

Dr.P.MARIAPPAN

Associate Professor,
Department of Mathematics,
Bishop Heber College,
Trichy - 17.

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Web:

Qualification

Degree	Branch	Institution / University	Year of Passing
RESEARCH DEGREE	MANAGEMENT	Cauvery College	2007
Master of Philosophy	Management	Madurai Kamaraj University, Madurai	1997
RESEARCH DEGREE	MATHEMATICS	Bishop Heber College	1992
MBA	Management[Systems]	National Institute Of Technology, Trichy - 15	1989
MSC	MATHEMATICS	Bishop Heber College	1985
B.Sc.,	Mathematics	St. Joseph'S College, Trichy - 02	1983

Ph.D. Details

Title of Thesis	Area of Specialization	
Manpower Flow Models	Stochastic Models	
Research Supervisor	Research Centre	Year of Award
Dr A. Srinivasan	Bishop Heber College	

Additional Qualification

Name of Course	Place of Study	Date	Duration
PGDOR	Pondicherry University, Pondicherry	1997	

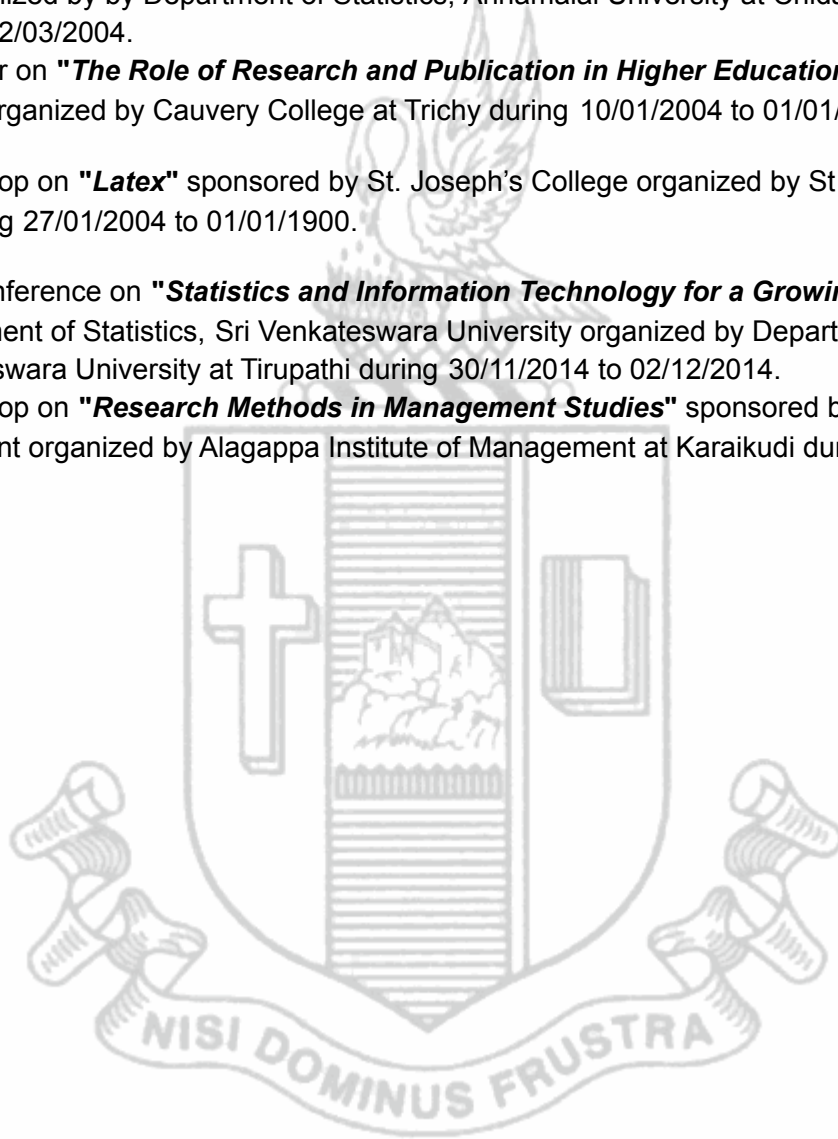
Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Trichy, Tamil Nadu, India	Co-ordinator	May 2016	
Shanmuga College of Eng.,	Tamil Nadu, India	Associate Lecturer	JUL 1987	NOV 1989
Manipal Academy of Higher Education	Dubai	Assistant Professor	AUG 2004	July 2007
Bishop Heber College	Trichy, Tamil Nadu, India	Associate Professor	MAR 1990	Till Date

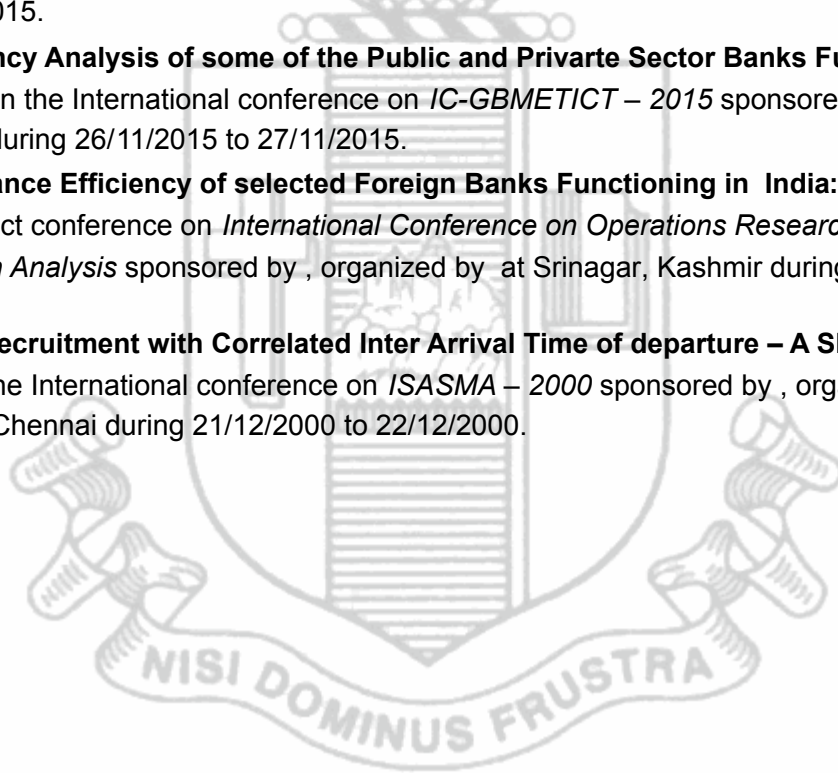
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6.	Conferences / Workshops / Seminars Organised	3
7.	Research Projects	0
8.	Resource Person	9
9.	Consultancy	0
10.	Awards Recieved	9
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	9
14.	M.Phil. / Ph.D. Produced	22 / 2

1. National level Workshop on "**Current Trends in E-Business & The Emerging New Economy**" sponsored by Velammal College of Management & Computer Studies organized by Velammal College of Management & Computer Studies at Chennai during 08/06/2001 to 09/06/2001.
2. National level Workshop on "**Matrix Analysis Methods**" sponsored by , Cochin University of Science & Technology organized by , Cochin University of Science & Technology at Kochin during 01/01/1900 to 01/01/1900.
3. National level Workshop on "**Software Development in Statistical Applications**" sponsored by UGC-Sponsored organized by by Department of Statistics, Annamalai University at Chidambaram during 11/03/2004 to 12/03/2004.
4. National level Seminar on "**The Role of Research and Publication in Higher Education**" sponsored by SCAN foundation organized by Cauvery College at Trichy during 10/01/2004 to 01/01/1900.
5. National level Workshop on "**Latex**" sponsored by St. Joseph's College organized by St. Joseph's College at Trichy during 27/01/2004 to 01/01/1900.
6. International level Conference on "**Statistics and Information Technology for a Growing Nation**" sponsored by Department of Statistics, Sri Venkateswara University organized by Department of Statistics, Sri Venkateswara University at Tirupathi during 30/11/2014 to 02/12/2014.
7. National level Workshop on "**Research Methods in Management Studies**" sponsored by Alagappa Institute of Management organized by Alagappa Institute of Management at Karaikudi during 16/05/2001 to 19/05/2001.



1. **"Time to recruitment in a three grade manpower system with extended exponential and exponential thresholds-I"** in the International conference on *International National conference on Happiness and Well Being: Role on Management Education* sponsored by , organized by Hindustan Institute of Management & Computer Studies at Farah, Mathura (U. P.) during 03/03/2011 to 04/03/2011.
2. **"Time to recruitment in a three grade manpower system with extended exponential and exponential thresholds-II"** in the International conference on *International National conference on Happiness and Well Being: Role on Management Education* sponsored by , organized by Hindustan Institute of Management & Computer Studies at Farah, Mathura (U. P.) during 03/03/2011 to 04/03/2011.
3. **"Optimum recruitment policy for constant grade sizes"** in the International conference on *National Seminar on Recent Developments in Applied Mathematics* sponsored by , organized by Department of Mathematics Bharathiyar University at Coimbatore during 24/02/2000 to 25/02/2000.
4. **"Four Characteristics Markov Type Manpower Flow Model"** in the International conference on *One Day Symposium on Mathematical Methods and Applications* sponsored by , organized by Department of Mathematics, Indian Institute of Technology Madras at Chennai during 22/12/1999 to 01/01/1900.
5. **"Investment based Performance Analysis on some of the Foreign Banks Functioning in India"** in the International conference on *IC-GBMETICT – 2015* sponsored by , organized by at Goa during 26/11/2015 to 27/11/2015.
6. **"Performance Efficiency Analysis of some of the Public and Privarte Sector Banks Functioning in India: Using DEA"** in the International conference on *IC-GBMETICT – 2015* sponsored by , organized by at Goa during 26/11/2015 to 27/11/2015.
7. **"A Study on Performance Efficiency of selected Foreign Banks Functioning in India: A DEA Approach"** in the Select conference on *International Conference on Operations Research for Data Analytics and Decision Analysis* sponsored by , organized by at Srinagar, Kashmir during 21/10/2013 to 23/10/2013.
8. **"Expected Time for Recruitment with Correlated Inter Arrival Time of departure – A Shock Model Approach"** in the International conference on *ISASMA – 2000* sponsored by , organized by at University of Madras, Chennai during 21/12/2000 to 22/12/2000.



1. **"Application of Mathematical Programming in Optimizing the cost of filling vacancies in Manpower Models"** published in Global Conference on Finance and Research, Costa Rica (CONFERENCE PROCEEDING) Vol. 1, Issue No. 1, June 2006 ISSN : 1931-0285.
2. **"Optimum cost for filling vacancies in manpower models"** published in International Conference on Business And Information, Singapore (CONFERENCE PROCEEDING) Vol. 3, Issue No. , July 2006 ISSN : 1729-9322.
3. **"Stress Level of Collegiate Teachers Working In The Affiliated Colleges Of Bharathidasan University, Tamilnadu"** published in Eighth International Conference on Operations and Quantitative Management, Thailand (CONFERENCE PROCEEDING) Vol. , Issue No. , October 2007 ISSN : ---.
4. **"A Study on Banning Mobile within the Educational Premises"** published in International Conference on Technology and Business Management, Dubai (CONFERENCE PROCEEDING) Vol. , Issue No. , March 2011 ISSN : ---.
5. **"A Study on Measuring the Performance Efficiency of sixteen Private Banks of India using DEA Approach"** published in MTMI International Conference, University of Maryland, USA (CONFERENCE PROCEEDING) Vol. , Issue No. , September 2013 ISSN : 1941-9414.
6. **"Tri Variate Analysis to Measure Efficiency of Indian Private Banking Sector"** published in International Conference on Accounting and Finance, Srilanka (CONFERENCE PROCEEDING) Vol. , Issue No. , May 2015 ISSN : 2357-271X.
7. **"Performance Efficiency Analysis of Indian Public Sector Banks – A Tri-Dimensional Approach"** published in International Conference on Business and Social Science Research (ICBSSR-2015), Dhaka, Bangladesh (CONFERENCE PROCEEDING) Vol. , Issue No. , September 2015 ISSN : ---.
8. **"Total Factor Productivity Index: Empirical Evidence In Private Banks Of India: A DEA Based Malmquist Approach"** published in International Conference on Operations Research on Data Analytics & Decision Analysis, Jammu & Kashmir (CONFERENCE PROCEEDING) Vol. , Issue No. , October 2013 ISSN : ---.
9. **"A Study On Performance Efficiency Of Foreign Banks Functioning In India : A DEA Approach"** published in International Conference on Operations Research on Data Analytics & Decision Analysis, Jammu & Kashmir (CONFERENCE PROCEEDING) Vol. , Issue No. , October 2013 ISSN : ---.
10. **"Tri Variate Analysis to Measure Performance Efficiency of Foreign Banking Sector Functioning in India"** published in International Journal of Applied Engineering Research (SELECT) Vol. 11, Issue No. 1, March 2016 ISSN : 0973-4562.
11. **"Investment Based Performance Analysis on some of the Foreign Banks Functioning in India"** published in Journal of Banking, IT and Management, (PEER REVIEW) Vol. 12, Issue No. 2, December 2015 ISSN : 0972- 902X.

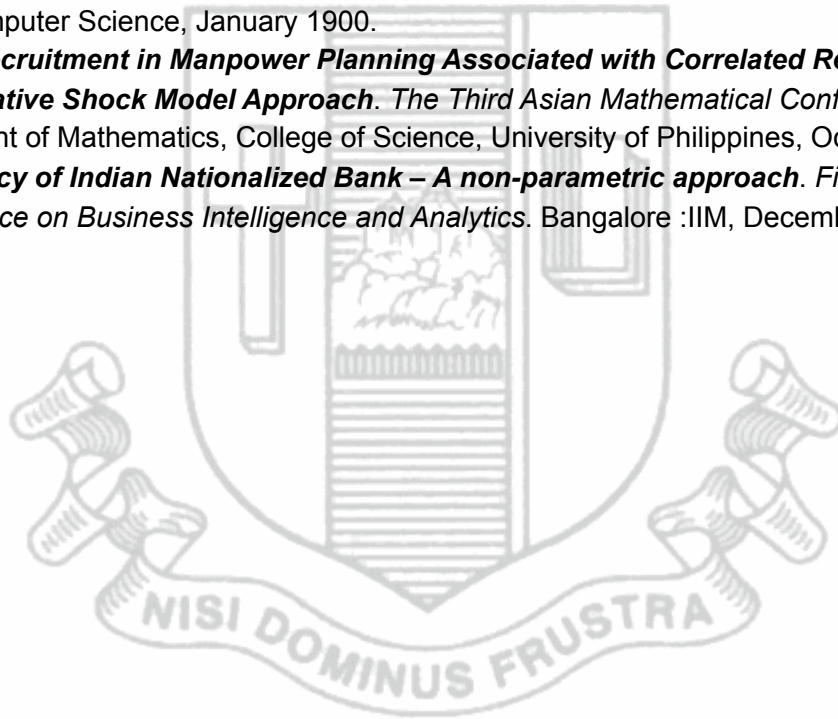
12. **"Data Envelopment Analysis Applied to Evaluate the usage of Oil and Natural Gas: Asia Pacific Region"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 11, Issue No. 1, March 2016 ISSN : 0973-4562.
13. **"Efficiency Analysis Report of Public District Hospitals in Tamil Nadu: A Non Parametric Analysis Approach"** published in Aryabhata Journal of Mathematics and Informatics [AJMI] (PEER REVIEW) Vol. 8, Issue No. 2, December 2016 ISSN : 0975-7139.
14. **"Total Factor Productivity Index: Empirical Evidence In Indian Nationalized Banking Sector : A DEA Malmquist Index"** published in International Seminar On Applied Mathematics, Coimbatore (CONFERENCE PROCEEDING) Vol. , Issue No. , September 2013 ISSN : ---.
15. **"Comparative Performance Analysis of functioning of Rail System in some of the Asian Countries – A DEA Approach"** published in Aryabhata Journal of Mathematics and Informatics [AJMI] (PEER REVIEW) Vol. 8, Issue No. 2, December 2016 ISSN : 0975-7139.
16. **"Mari's Algorithm for solving Transportation Problem"** published in Aryabhata Journal of Mathematics and Informatics [AJMI] (PEER REVIEW) Vol. 8, Issue No. 2, December 2016 ISSN : 0975-7139.
17. **"Mathematical Model for solving a Coupled Linear Programming Problem by using the concept of Rhotrix"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 11, Issue No. 1, January 2016 ISSN : 0973-4562.
18. **"Performance Analysis of Indian Public Sector Banks Based on their Investment Level"** published in International Journal in Management and Social Science (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : 2321 -1784.
19. **"Performance Efficiency Analysis of some of the Public and Private Sector Banks Functioning in India – Using DEA"** published in Journal of Banking, IT and Management, (PEER REVIEW) Vol. 12, Issue No. 2, December 2015 ISSN : 0972- 902X.
20. **"Analysis of Perishable Inventory Problem – Using Operations Research Method"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 11, Issue No. 1, January 2016 ISSN : 0973-4562.
21. **"Operations Research application in Portfolio Management Decision"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 11, Issue No. 1, January 2016 ISSN : 0973-4562.
22. **"Modified Hybrid Approach for Supplier Selection and Decision Making in Process Industry"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 11, Issue No. 1, January 2016 ISSN : 0973-4562.
23. **"Modified Hybrid Approach for Supplier Selection and Decision Making in Process Industry"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 11, Issue No. 1, January 2016 ISSN : 0973-4562.

24. **"Modified Transportation Structure in Capacity Filling Model with Cost Minimization"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 11, Issue No. 1, January 2016 ISSN : 0973-4562.



1. **Optimum Recruitment Policy Based On Efficiency.** *The UGC Sponsored National Seminar on Applications of Mathematics.* Trichy :Department of Mathematics, St. Joseph's College, February 2000.
2. **Attainability of a Two – Characteristic Manpower Flow Model including demotion – using Transportation Problem.** *Athenaeum 2007.* Trichy :Bharathidasan Institute of Management,, March 2007.
3. **Emirates Airlines [UAE] and its customer satisfaction level.** *First International Conference on Global Business and Management Forum.* Gurgaon, India :Pearl School of Business [PSB], November 2008.
4. **A Statistical Analysis of the students of Bharathidasan and Annamalai university – Distance learning program.** *International Conference on Quality Enhancement in Distance Education for Life and Learning.* Trichy :Bharthidasan University, March 2011.
5. **A Stochastic Model for Time to Recruitment in a Single Grade Manpower System with Different Epochs for Decisions and Exits having Geometric Inter-Decision Times.** *Second International Conference on Business Analytics and Intelligence.* Bangalore :Indian Institute of Sciences, December 2014.
6. **Investigating Efficiency of Private Banks in India – A Non-Parametric Approach.** *Second International Conference on Business Analytics and Intelligence.* Bangalore :Indian Institute of Sciences, December 2014.
7. **Application of Integer Linear Programming Model for Vendor Selection in a Two Stage Supply Chain.** *Second International Conference on Business Analytics and Intelligence.* Bangalore :Indian Institute of Sciences, December 2014.
8. **Attainability of a Two Characteristic Manpower Structure Including Demotion.** *The Third Asian Mathematical Conference.* Philippines :Department of Mathematics, College of Science, University of Philippines, October 2000.
9. **A Study on Performance Efficiency of Nationalized Banks of India: A DEA Approach.** *International Conference on Economic.* Malaysia :PAK Publishing Group, September 2013.
10. **Investment Based Performance Analysis on some of the Foreign Banks Functioning in India.** *International Conference on Contemporary Issues & Innovations in Global Business, Management, Economics, Tourism and Information & Communication Technology.* :Tourism and Information & Communication Technology, November 2015.
11. **A Stochastic Model for mean time to recruitment in three graded organizations with inter-decision times as a geometric process using Univariate policy of recruitment.** *Search and Research in Commerce and Management.* Trichy :Department of Commerce, Bishop Heber College, January 1900.
12. **Performance Efficiency Analysis of some of the Public and Private Sector Banks Functioning in India – Using DEA.** *International Conference on Contemporary Issues & Innovations in Global Business, Management, Economics, Tourism and Information & Communication Technology.* :Economics, Tourism and Information & Communication Technology, November 2015.
13. **Three Characteristics Markov Type Manpower Flow Model Including Demotion.** *International Conference On Analysis And Its Applications.* Chennai :Department of Mathematics, Meenakshi College for Women,, December 2000.
14. **Expected Time for Recruitment in Manpower Planning Associated with Correlated Renewal Sequences- a Cumulative Shock Model Approach.** *The Third Asian Mathematical Conference.* Philippines :Department of Mathematics, College of Science, University of Philippines, October 2000.
15. **A Stochastic Model for mean time to recruitment in three graded organizations with inter-decision times as a geometric process using Univariate policy of recruitment.** *Search and Research in Commerce and Management.* Trichy :Department of Commerce, Bishop Heber College, January 1900.

16. **Mathematical model for fixing salary for University teachers, Government college teachers and Aided college teachers.** *Sixth International Conference on Dynamic systems and Applications.* Atlanta, USA :Dynamic Publishers, inc.,, May 2012.
17. **A Statistical Survey and Analysis Report on NRI's in UAE and Their Level of Satisfaction in all Respects.** *International Conference on Mathematical Methods and Computation.* Trichy :Jamal Mohamed College, July 2009.
18. **Optimal Time Interval Between Screening Tests For Promotions in Manpower Planning.** *The UGC Sponsored National Conference on Recent Trends in Computational Mathematics.* Gandhigram :Department of Mathematics, The Gandhigram Rural Institute – Deemed University, January 1900.
19. **A study on Performance Efficiency Analysis of Twelve Shipping Companies Functioning in India – Using DEA Approach.** *Second International Conference on Business Analytics and Intelligence.* Bangalore :Indian Institute of Sciences, December 2014.
20. **A Statistical Analysis of the Status of Higher Education in UAE.** *Fifth International Conference on Emerging India: The Role of Management & IT Education.* Agra, India :Hindustan Institute of Management and Computer Science, January 1900.
21. **A study on Performance Efficiency Analysis of Eleven IT Companies Functioning in India – Using DEA Approach.** *Second International Conference on Business Analytics and Intelligence.* Bangalore :Indian Institute of Sciences, December 2014.
22. **A Statistical Analysis of the Status of Higher Education in UAE.** *Fifth International Conference on Emerging India: The Role of Management & IT Education.* Agra, India :Hindustan Institute of Management and Computer Science, January 1900.
23. **Expected Time for Recruitment in Manpower Planning Associated with Correlated Renewal Sequences- a Cumulative Shock Model Approach.** *The Third Asian Mathematical Conference.* Philippines :Department of Mathematics, College of Science, University of Philippines, October 2000.
24. **Investigating Efficiency of Indian Nationalized Bank – A non-parametric approach.** *First International Conference on Business Intelligence and Analytics.* Bangalore :IIM, December 2013.



- * . ***A Study on Mathematical Finance Models***. Germany : Lambert , March 2013.
- * . ***Mathematical Modeling in HRM***. Germany : Lambert , August 2013.
- * . ***Mathematics for Modern Management***. Chennai : New Century Book House , November 2004.
- * . ***Business Mathematics***. Delhi : Pearson Education , May 2015.
- * David M. Levine . ***Statistics for Managers***. Delhi : Pearson Education , May 2015.
- * . ***Introduction to Data Envelopment Analysis***. Germany : Lambert Academic Publishing , May 2016.
- * . ***Computer Basics and Programming***. Trichy : Uma Publications , January 1900.
- * . ***Operations Research***. Trichy : Bharathidasan University , January 2003.
- * David M. Levine . ***Advanced Operations Research***. Trichy : Bharathidasan University , January 2010.
- * . ***Mathematics-I***. Kodaikanal : Pearson Education - Mother Theresa University , January 2014.
- * . ***Mathematics-III***. Kodaikanal : Pearson Education - Mother Theresa University , January 2014.
- * . ***Advanced Operation Research***. Trichy : Bharathidasan University , January 1900.
- * . ***Operations Research Methods and Applications***. Chennai : New Century Book House , July 2002.
- * . ***Statistics for Scientific Solutions***. Chennai : New Century Book House , November 2008.
- * . ***Mathematics-II***. Kodaikanal : Pearson Education - Mother Theresa University , January 2014.
- * . ***Biostatistics – An Introduction***. Delhi : Pearson Education , April 2013.
- * . ***ACET Reference Book- Editor***. Delhi : Excel India Limited , August 2016.
- * . ***Operations Research – An Introduction***. Delhi : Pearson Education , May 2013.
- * . ***Computer Programming***. Chennai : New Century Book House , June 1996.
- * . ***Mathematics & Statistics for Managers***. Trichy : Bharathidasan University , January 2008.
- * . ***Methods of Numerical Analysis and Operations Research***. Chennai : New Century Book House , July 2002.

1. International level Workshop Entitled "**International Workshop on MCDM (IWSMCDM-2012)**" at Bishop Heber College, Trichy, sponsored by , during 09/04/2012 to 10/04/2012.
2. International level Conference Entitled "**Heber International Conference on Applications of Actuarial Science, Mathematics, Management and Computer Science**" at Bishop Heber College, Trichy, sponsored by , during 28/11/2016 to 30/11/2016.
3. International level Conference Entitled "**Heber International Conference on Application of Mathematics and Statistics**" at Bishop Heber College, Trichy, sponsored by , during 05/01/2012 to 07/01/2012.

Awards Recieved - 9

Award Name	Presented by	Year	Level	Instituted by / Place	amount
PEARL Foundation Excellence and Innovation Award in Mathematics	PEARL – A Foundation for Educational Excellence	10/12/2016	NATIONAL		
Best Personalities of India	Friendship Forum, New Delhi	01/12/2015	NATIONAL		
Bharath Excellence Award and Gold Medal	Friendship Forum, New Delhi, India	01/01/2015	NATIONAL		
Shiksha Rattan Puraskar Award	India International Friendship Society, New Delhi, India	01/11/2012	NATIONAL		
Distinguished Teacher Award : Mathematics	Global Trust at Bangalore	17/09/2016	NATIONAL	Management Teachers Consortium	
Dr APJ Abdul Kalam Life Time Achievement National Award	International Institute for Social and Economic Reforms [R]	06/12/2015	NATIONAL		
GRABS Life Time Achievement Award	GRABS Educational Charitable Trust	01/11/2015	NATIONAL		
Best Research Paper Reviewer award	International Journal of Contemporary Management Research	01/01/2007	NATIONAL	Editor of CMR	
Best Innovative Teacher award 2004 for science subject	The Association of Centre for Indian Intellectuals	08/06/2004	NATIONAL		

PROFESSIONAL MEMBERSHIP - 9

- * Life Member of Fellow Membership [IISER], International Institute for Social and Economic Reforms, Bangalore, India during 01/01/1900 -
- * Life Member of Fellow Membership [AIAER], All India Association for Educational Research, Bhubaneshwar – 751 015, India during 01/01/1900 -
- * Life Member of The Association of Mathematics Teachers of India, [AMTI], Chennai, Tamil Nadu during 01/01/1900 -
- * Life Member of Fellow Membership [FUWAI], United Writers Association, Chennai, Tamil Nadu, India during 01/01/1900 -
- * Member of Board of Studies in Mathematics of Holy Cross College, Trichy during 01/01/2008 - 2010
- * Member of Board of Studies in Mathematics of KSR College, Thiruchenkodu during 01/01/2012 - 2014
- * Member of PG Board of Studies in Mathematics of Bharathidasan University, Trichy during 01/01/2015 - 2018
- * Life Membership of Operational Research Society of India, Madurai Chapter during 01/01/1900 -
- * Life Membership of Probability and Statistical Society of India, Tirupathi during 01/01/1900 -

RESOURCE PERSON - 9

1. College level Invited Lectures on "**Operations Research**" at KSR Womens Arts and Science College, Thiruchengkodu, 09/09/2016.
2. National level Workshop on "**Bio-Statistical Applications**" at KSR Womens Arts and Science College, Thiruchengkodu, 09/09/2016.
3. National level Workshop on "**Advanced Trends in Mathematical Modelling**" at Donbosco College, Dharmapuri, 02/09/2016.
4. College level Invited Lectures on "**Mathematical Modeling in Agriculture and Forest Management**" at Department of Environmental Science, Bishop Heber College, Trichy, 19/08/2016.
5. College level Invited Lectures on "**Higher Management Technique**" at Department of Mathematics, Thiyagaraja College of Engineering, Madurai, 01/01/2012.
6. College level Invited Lectures on "**Mathematical Modeling in Management Science**" at Department of Mathematics, PEVR College, Thiruchirappalli, 01/01/2012.
7. College level Invited Lectures on "**Decision Making using OR**" at Department of Mathematics, Jamal Mohamed College, Trichy, 26/07/2016.
8. College level Invited Lectures on "**Time Management**" at Department of Mathematics, Holy Cross College, Trichy, 01/06/2012.
9. College level Invited Lectures on "**Mathematical Modeling**" at KSR College, Thiruchengkodu, 01/01/2012.

JOURNAL REFEREE

1. Member of International Journal "*IJSER Review Board*"(vol.) at during 01/01/2015 - Till Date.
2. Editor of International Journal "*INTERNATIONAL JOURNAL OF TRANSFORMATIONS IN BUSINESS MANAGEMENT & INTERNATIONAL JOURNAL OF RESEARCH IN SOCIAL SCIENCES AND HUMANITIES*"(vol.) at during 01/01/2015 - .
5. Reviewer of International Journal "*African Journal of Business Management*"(vol.) at during 01/04/2011 - .
6. Session Editor of International Journal "*International Journal of Recent Research in Science and Technology*"(vol.) at during 01/01/1900 - .
12. Referee of International Journal "*Asia Pacific Journal of Operational Research*"(vol.) at during 01/01/1900 - .
13. Referee of International Journal "*WSEAS International Conference on Mathematics and Computers in Business and Economics*"(vol.) at during 01/01/1900 - .
14. Referee of International Journal "*International Journal of Contemporary Management Research*"(vol.) at during 01/01/1900 - .



**Signature of Staff
(P.MARIAPPAN)**