

**PASUMPON MUTHURAMALINGA THEVAR COLLEGE, USILAMPATTI**

**STAFF PROFILE**

**A. General Information**

- a) Name : **Dr. M.RAMESHPANDI,**  
b) Father's Name : Mr. R. Mayathevar  
c) Educational Qualifications : **M.Sc., M.Phil., Ph.D.,**  
d) Address : Assistant Professor,  
Department of Mathematics,  
Pasumpon Muthuramalinga Thevar College,  
Usilampatti, Madurai – 625 532.  
e) Designation : **Assistant Professor**  
f) Department : **Mathematics**  
g) Date of Birth : 28 - 02 - 1982  
h) Area of Specialization : General Topology, Stochastic Inventory System  
g) Date of appointment : **29-10-2007**  
(i) in the Institution : 29-10-2007  
(ii) in the present post : 29-10-2007

**B. Academic Qualification**

<b>Exam Passed</b>	<b>Subjects</b>	<b>Board / University</b>	<b>Year</b>	<b>Division</b>
High School	General	Board of Secondary Education Tamilnadu	APR.1997	I -Class
Higher Secondary of Pre-Degree	Bio-Maths	Board of Higher Secondary Education Tamilnadu	MAR.1999	I-Class
Bachelor's Degree	Mathematics	Madurai Kamaraj University-Madurai	APR.2002	I-Class
Master's Degree	Mathematics	Madurai Kamaraj University-Madurai	APR.2004	I-Class
Research Degree (s)	M. Phil (Maths)	Madurai Kamaraj University-Madurai	APR.2005	I-Class
	Ph. D (Maths)	Madurai Kamaraj University-Madurai	16.11.2016	-
Other Diplomas / certificates etc.		-	-	-

- \* for teachers already in employment at the time of introduction of the scheme for new entrants at the time of joining of the institution

### C. Research Experience & Training

Exam Passed	Subject	Board / University	Year	Division
M.Phil	Mathematics	Madurai Kamaraj University-Madurai	APR.2005	I-Class
Ph.D.,	Mathematics	Madurai Kamaraj University-Madurai	16.11.2016	Awarded
Post Doctoral	Nil	Nil	Nil	Nil
Research Guidance (Give names of Students guided successfully)	Mathematics	Madurai Kamaraj University	2018	Doing
Other Diplomas / certificates etc.	Nil	Nil	Nil	Nil
Training (Please Specify)	Nil	Nil	Nil	Nil

### D. Research projects carried out

Title of the Project	Name of the Funding agency	During Remarks
Nil	Nil	Nil

### III (A) (i) Research Papers Published in Journals:

Sl. No	Title, Vol., Page No. & year	Journal	ISSN/ ISBN	Peer reviewed, Impact Factor	No. of Co-authors	Whether you are First/ principal/ Corresponding author	Score by Self	Score by IQA C	Score by Screening committee
1.	Stochastic Analysis of Inventory system with Two Independent Poisson Demands, Vol.7.No.1. pp .51-58 ( 2014).	International Journal of Applied Mathematical Sciences	ISSN: 0161-1712	Peer reviewed	3	Yes	15		
2.	Modeling and Analysis of Perishable Inventory System with Demands in Supply Chain.Vol.9.No.1. pp .1763-1773 ( 2014).	Journal of Advances in Mathematics	ISSN: 2347-1921	Peer reviewed	3	Yes	15		
3.	Partial Backlogging Inventory System in Two-Echelon with Retrial and Direct Demands, Vol.27.No.2 pp. 1550-1556 ( 2014).	International Journal of Mathematical Sciences	ISSN: 0972-754X	Peer reviewed	3	No	10		

4.	Analysis of Two-Echelon Perishable Inventory System with Direct and Retrial Demands, Vol 10, Issue 5 Ver. I (Sep-Oct. 2014), pp 51-57	International Organization of Scientific Research (IOSR) Journal of Mathematics	ISSN 2278-5728	Peer reviewed	3	Yes	15		
5.	On nano $\Lambda_{ng}$ -Closed sets, Vol. 4, No.12, Dec (2017), pp 62-72	Journal of Global Research in Mathematical Archives	ISSN 2320-5822	Peer reviewed	3	Yes	15		
6.	Strong form of some nano open sets, Volume 5, Issue 4-E(2017) 685-691	International Journal of Mathematics and its Applications	ISSN 2347-1557	Peer reviewed	3	Yes	15		
7.	Strongly nano $g^*$ -Closed sets, Volume 3, Issue 11(2017) , pp. 1-6	International journal of Current Research in Science and Technology	ISSN 2394-5745	Peer reviewed	1	Yes	15		
8.	Q(A)-Balance super edge magic graph results, Volume 10, No.2(2017), PP. 169-182	International Journal of Pure and Applied Mathematical Sciences	ISSN 0972-9828	Peer reviewed	2	Yes	15		
9	On nano $\pi$ -generalized regular closed sets in nano topological spaces, Volume 6 Issue 1(2019) Pages 1448-1456	Journal of Applied Science and Computations	ISSN 1076-5131	Peer reviewed	2	No	10		
10	Novel forms of few generalized closed sets in nanotopological spaces, Volume VI, Issue II (2019) Pages 1448-1456	Journal of Applied Science and Computations	ISSN 1076-5131	Peer reviewed	2	No	10		
11	New sets in ideal nano topological spaces, Vol. 10(1)(2020), pp. 19-27	Bulletin of the international mathematical virtual institute	ISSN 2303-4955	Peer reviewed	2	No	10		
12	Almost nano regular spaces, 9 (2020), no.8, pp. 5631–5636	Advances in Mathematics: Scientific Journal	ISSN 1857-8438	Peer reviewed	2	No	10		
13	Nano $I_g$ -normal and nano $I_g$ -regular spaces, 9 (2020), no.8, pp. 5637–5647	Advances in Mathematics: Scientific Journal	ISSN 1857-8438	Peer reviewed	2	No	10		



### III (B) (ii) Articles /Chapters published in Books:

Sl. No.	Title, Vol., Page No. & year	Journal	ISSN/ ISBN	Peer reviewed, Impact Factor	No. of Co-authors	Whether you are First/principal/C orresponding author	Score by Self	Score by IQAC	Score by Screening committee
III (A) (i)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

### III C (i) and (ii) Ongoing and Completed Research Projects and Consultancies:

Sl. No.	Title	Principal Investigator	Funding Agency	Period	Grant Mobilized	Score by Self	Score by IQAC	Score by Screening committee
1.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

### III C ((i) & (ii)) Ongoing Projects

Sl. No	Title	Principal Investigator	Funding Agency	Period	Grant Mobilized	Score by Self	Score by IQAC	Score by Screening committee
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

### III D (i) and (ii) Research Guidance

Research Programme	Name of the Candidate/Reg. No	Thesis submitted/ Degree awarded	Guide/Co-guide	Title of the dissertation	Date of Viva-Voce examination	Score by Self	Score by IQAC	Score by Screening committee
Ph.D.	Mr. R. Premkumar (P5342)	Ongoing	Dr. M. Rameshpandi	Some novel contributions to nano topological and ideal nano topological spaces				
Ph.D.	Mr. S. Antony David (P5595)	Ongoing	Dr. M. Rameshpandi	Investigation on some novel innovations in nano topological spaces				
Ph.D.	Mrs. S. Devi (P5895)	Ongoing	Dr. M. Rameshpandi	A Study on new generalized sets and functions in an ideal nano topological spaces				
Ph.D.	Mrs. P. Deepika (P6084)	Ongoing	Dr. M. Rameshpandi	A study on new generalised closed sets and functions in intuitionistic fuzzy topological spaces				
M.Phil.	Mr. M. Lakshmanaperumal (B6814372)	Completed	Dr. M. Rameshpandi	Analysis of inventory system in supply chain		5		
M.Phil.	Mr. T. Marichamy (B6814373)	Completed	Dr. M. Rameshpandi	A Study on cost effective bipartition on graphs		5		
M.Phil.	Mr. K. Marimuthu (B6814374)	Completed	Dr. M. Rameshpandi	A Study on the solutions of the partial differential equations		5		
M.Phil.	Mr. C. Pandiarajan (B6814378)	Completed	Dr. M. Rameshpandi	Analysis of multi product inventory system in supply chain		5		

M.Phil.	Mr. N. Ramakrishnan (B6814380)	Completed	Dr. M. Rameshpandi	Analysis of the solutions of the transportation problem		5		
M.Phil.	Mrs. K. Deepa (B7810486)	Completed	Dr. M. Rameshpandi	Further study on some new closed sets and functions in topological spaces		5		
M.Phil.	Mr. P. Parthiban (B7810560)	Completed	Dr. M. Rameshpandi	A study on new subsets of ideal minimal spaces		5		
M.Phil.	Mr. B. Paulpandi (B7810561)	Completed	Dr. M. Rameshpandi	A study on some classes of quotient maps in ideal topological spaces		5		
M.Phil.	Mrs. S. Sumathi (B8819061)	Completed	Dr. M. Rameshpandi	Studies on new sets and functions in ideal topological spaces		5		
M.Phil.	Mr. G. Pitcharajan (B8819076)	Completed	Dr. M. Rameshpandi	Studies on new notions of continuous maps in topological spaces		5		
M.Phil.	Mr. P. Vijaya Kumar (B8819083)	Completed	Dr. M. Rameshpandi	Studies on new generalized sets via nano topological spaces		5		

**III. (E) (i) Refresher Courses, Methodology Workshops, Training, Teaching- Learning-Evaluation Technology Programmes, Soft Skills Development Programmes, Faculty Development Programmes**

Sl. No.	Programme	Duration		Organized by	Score by Self	Score by IQAC	Score by Screening committee
		From	To				
1.	Orientation Programme,	24.09.2008	21.10.2008	UGC-Academic Staff College, Madurai Kamaraj University, Madurai	10		
2.	Refresher Course	11.09.2012	01.10.2012	UGC-Academic Staff College, Bharathiyar University, Coimbatore	10		
2.	Refresher Course	07.11.2013	27.11.2013	UGC-Academic Staff College, Madurai Kamaraj University, Madurai	10		
4.	Refresher Course in Environmental studies	18.12.2018	07.01.2019	UGC-Academic Staff College, Madurai Kamaraj University, Madurai	10		

**III (E) (ii) Papers presented in Conferences, Seminars, Workshops, Symposia:**

Sl. No.	Title of paper	Title of conference/Seminar & Date etc.	Organized by	Score by Self	Score by IQAC	Score by Screening committee
1.	Analysis of Two-Echelon Inventory system with Two Independent Poisson Demands	International Conference on Advances in Stochastic Modelling (ICASM -2013).	Dept of Mathematics, Mannar Thirumalai Naicker College, Madurai.	5		

2.	Analysis of Two-Echelon Inventory System with Retrieval Demand	Proceedings of the 18th Ramanujan Symposium on Recent Trends in Dynamical System and Mathematical Modelling.)	Ramanujan Institute for Advanced Study in Mathematics, University of Madras	5		
3.	Analysis of Perishable Inventory System with Retrieval Demand in Two-Echelon Supply Chain Management	International conference on Mathematical Computation and Modelling ( 2014)	Department of Mathematics, The Madura College, Madurai	5		
4.	Two-Echelon Inventory System with Finite Population and Retrieval Demands	Proceedings of the National conference on Mathematical Modelling (NCOMM)	Post Graduate and Research Department of Mathematics Caramom Planters' Association College	5		
5.	Stochastic Analysis of Perishable Inventory system	Proceedings of the National seminar on Recent Trends in Applied Mathematics.	Department of Mathematics, The Madura College, Madurai	5		
6.	On nano weakly $\pi$ -generalized closed sets,	2 <sup>nd</sup> International conference on Mathematical Modeling and Computational Methods in Science and Engineering(ICMMCMSE-2020)	School of Mathematics, Alagappa University, Karaikudi.	5		

#### E. Seminars, Conferences, Symposia, Workshops etc., attended

Sl. No	Name of the Seminar/ Conference/ Symposia/ Workshop etc.,	State / National / International Level	Seminar Paper Presented / Attended	Palace	Month & Year
1	State level seminar on New Perspectives choice based credit system(CBCS)	State	Attended	V.O. Chidambaram college Thoothukudi	Feb 2012
2	State level on emerging Trends in Mathematics	State	Attended	Dept. of Mathematics, Arul Anandar College Karumathur	Mar 2012
3	National Seminar on Recent Trends in Applications of Mathematics	National	Attended	Dept of Mathematics Sourashtra College Madurai	Mar 2012
4	International Workshop on Matrix Analytic methods in Stochastic Models	International	Attended	Dept. of Mathematics, Alagappa University Karaikudi	Jan 2013
5	One day Workshop on Financial mathematics	State	Attended	The School of Mathematics Madurai kamaraj University Madurai	Mar 2013
6	National Conference on Mathematical Modelling And Applications	National	Attended	Dept of Mathematics SSM Institute of Engineering and Technology , Dindigul	Mar 2014
7	State Level Seminar on Recent Advances in Mathematical Computing	State	Attended	Dept of Mathematics Arul Anandar College Karumathur	Feb 2015

8	National Conference on Recent Development in Mathematics and its Applications	National	Attended	Department of Mathematics, The Madura College, Madurai	Jan 2015
9	The Workshop on Advanced Mathematical Modelling	National	Attended	Post Graduate and research Department of Mathematics, CPA College, Bodinayakanur	Mar 2015
10	National seminar on Mathematical Modelling	National	Attended	Department of Mathematics, Devanga Atrs College, Aruppukottai	Sep 2016

### F. Teaching Experience

Sl. No	Courses Taught	Name of the University / College / Institution	Duration
1.	U.G.	Pasumpon Muthuramalinga Thevar College, Usilampatti	13 years 2 months
2.	P.G. (M.A. / M.Sc., etc.,)	Nil	Nil
3.	M.Phil.,	Nil	Nil
4.	Any other	Nil	Nil

### Total Teaching Experience

- (a) Under – Graduate (Pass) : **13 Years and 2 Months**
- (b) Under – Graduate (Hons) : \_\_\_\_\_ - \_\_\_\_\_
- (c) Post – Graduate : \_\_\_\_\_ - \_\_\_\_\_

### G. Innovations / Contributions in Teaching

- a) Design of Curriculum : Question Papers setting to various Autonomous Colleges
- b) Teaching methods : Power Point Presentation and Smart Classes
- c) Laboratory experiments : Yes (Computer Laboratory)
- d) Evaluation methods : Yes ( Internal Assessments, Seminars, Assignments)
- e) Preparation of resource material including books regarding materials laboratory Supplied to manuals etc., } : Study materials Prepared and the Students



- f) Remedial Teaching / Students Counseling : Regularly receiving feedback from the (academic) students and taking remedial measures
- g) Any other : Nil

#### **H. Innovations / Contributions in Teaching**

a) Please give a short account of your contribution to

- i) Community work such as values of national integration, Secularism, democracy, Socialism, Humanism, Peace, Scientific Temperament : Arranged blood donors to need persons
- ii) National Literacy mission : Nil
- b) Positions held / Leadership role played in organizations linked with extension work and National Service Scheme (NSS) or (NCC) in any other similar activity. :NSS Programme Officer (2014-2017) , Placement Officer (2017 to till date) and Blood Donor Club(2015-2018)

#### **I. Innovations / Contributions in Teaching**

Please give a short account of your contribution to:

- a) College / University / Institution : P. M. Thevar College, Usilampatti
- b) Co-curricular Activities : Placement Cell, Student Councilor, NSS Programme Officer (Unit no.87) and Blood Donor Club.
- c) Enrichment of Campus life (Hostels, Sports, games, Cultural activities) : Adviser to Sports , Cultural activities
- d) Students welfare and discipline : Helped to over all personality development and stress Management
- e) Membership / Participation in bodies Committees on Education and National Development : Food and Discipline committee

- f) Professional Organization of Teachers : Nil
- J.** (a) Membership or professional Bodies Committees : Nil  
in Education and National Development
- (b) Editorship of Journals : Nil
- K.** Any other information : Nil

Signature of the Teacher