

# RESUME

**Dr. P. MADURANTHAKI,**

31, SMI Complex,

OSJ Abudeen Nagar,

Perumbandi Panchayath,

Kumbakonam, Thanjavur District,

Tamilnadu, Pin-612 002.

**Mobile:** 9698985839

e-mail: maduselvam137@gmail.com

**Qualification:** M.Sc., M.Phil., Ph.D., (Mathematics)

## Academic Qualifications

Degree/ Course	Subject(s)	Name of the Institution	University	Year of Passing	% of Marks	Division/ Class/ Grade
Ph. D.,	Mathematics	Government Arts College (Autonomous), Kumbakonam	Bharathidasan University	July -2016	Highly Commended	Highly Commended
M. Phil.,	Mathematics	Government Arts College (Autonomous), Kumbakonam	Bharathidasan University	January -2004	85.2%	First Class with Distinction
M. Sc.,	Mathematics	Government Arts College (Autonomous), Kumbakonam	Bharathidasan University	April -2002	90.14%	First Class
B. Sc.,	Mathematics	Government College for Women, Kumbakonam	Bharathidasan University	April -2000	67.18%	First Class

**Area of Specialization:** *Linear Algebra and its Applications*

## Experience:

Position	Name of the Institution	Service		Period of Service
		From	To	
Guest Lecturer	Government Arts College (Autonomous), Kumbakonam	2003	2004	1 Year
Guest Lecturer	Government College for Women, Kumbakonam	2004	2010	6 Years
Associate Professor	Arasu Engineeirng College, Kumbakonam	2010	Nov 2020	10 Years 6 Months
Total				17 Years 6 Months

**Research Experience :** 04 Years 04 Months

**Title of the Ph.D thesis** : *Contributions to the study on Normal and Unitary Bimatrices*

### **Research Papers Published in National and International Journals**

- ❖ Ramesh.G. and Maduranthaki.P, On Unitary Bimatrices, International Journal of Current Research, Vol.6, Issue 09, September 2014, (PP 8395-8407). (Impact Factor 5.349)
- ❖ Ramesh.G. and Maduranthaki.P, On Some properties of Unitary and Normal Bimatrices, International Journal of Recent Scientific Research, Vol.5, Issue 10, October 2014, (PP 1936-1940). (Impact Factor 5.114)
- ❖ Ramesh.G. and Maduranthaki.P, Spectral Properties of Unitary and Normal Bimatrices, International Journal of Mathematics and Statistics Invention, Vol.2, Issue 10, November 2014, (PP 44-51).
- ❖ Ramesh.G. and Maduranthaki.P 'On Least Square, Minimum Norm Generalized Inverses of Bimatrices' International Journal of Mathematics (IOSR-JM), Volume 11, Issue 1, Jan-Feb 2015, (PP 66-74). (Impact Factor 1.759)
- ❖ G.Ramesh. and R.Muthamilselvam, P.Maduranthaki 'A Study On Conjugate Normal Bimatrices' International Journal for Research in Engineering Application & Management (IJREAM) (UGC Approved) (Impact Factor 5.646) ISSN : 2454-9150 Vol-04, Issue-04, July 2018 (66-74).  
DOI : [10.18231/2454-9150.2018.0528](https://doi.org/10.18231/2454-9150.2018.0528)

### **Particulars of Papers presented in various conferences**

S.no	Year	Title of the paper	Name of the conference	Venue
1	2008	Ruler and Compass Construction in Advanced Algebra	National Seminar on Mathematical Modeling in Health care	Government College (Autonomous), Kumbakonam.
2	2009	Fuzzy Congruence's on Groups and Quotient Groups	National Seminar on Recent Advancements in Mathematics	Government College (Autonomous), Kumbakonam.

## Awards Received

Received awards for producing an Outstanding Academic Performance as 100% and above 95% result in various papers handled of Mathematics in Previous institutions where I worked.

## List of FDPs attended / organized:

S.No.	Name of the event	Venue	Date & Duration
01.	RDB Mathematics Olympiad - 2005	RDB College of Arts and Science, Papanasam.	29.01.2005 & 01 Day
02.	TANSCHÉ and UGC sponsored three day workshop on "Curriculum Development and Evaluation"	Government Arts College for Women (Autonomous), Kumbakonam.	06.09.2007 to 08.09.2007 & 03 Days
03.	State Level Seminar on Emerging Trends in Mathematical Biochemistry (ETMB – 08)	Government College for Women (Autonomous), Kumbakonam.	10.03.2008 & 01 Day
04.	UGC sponsored National seminar on Mathematical Modeling in Health care	Government Arts College (Autonomous), Kumbakonam.	28.03.08 29.03.08 & 02 Days
05.	Work shop on Interview Skills	Government College for Women (Autonomous), Kumbakonam.	16.10.2008 to 17.10.2008 & 02 Days
06.	TANSCHÉ sponsored National Seminar on Recent Advancements in Mathematics	Government Arts College (Autonomous), Kumbakonam and Government College for Women (Autonomous), Kumbakonam.	21.12.2009 to 22.12.2009 & 02 Days
07.	"Quality Improvement Programme"	Arasu Engineering College, Kumbakonam	16.08.2010 21.08.2010 & 06 Days
08.	"Quality Improvement Programme"	Arasu Engineering College, Kumbakonam	08.08.2011 to 13.08.2011 & 06 Days
09.	"Quality Improvement Programme"	Arasu Engineering College, Kumbakonam	12.12.2011 to 13.12.2011 & 02 Days
10.	Mathematical Tools for Engineering Research	SASTRA University, Thanjavur.	19.12.2011 to 20.12.2011 & 02 Days

11.	UGC sponsored one day National seminar on "Applications of Mathematics"	Jamal Mohamed College, Tiruchirappalli.	22.02.2012 & 01 Day
12.	"Quality Improvement Programme"	Arasu Engineering College, Kumbakonam	25.08.2012 to 26.08.2012 & 02 Days
13.	Faculty Development Training Programme (AICTE Sponsered) (Student induction programme) (level 0)	Arasu Engineering College, Kumbakonam	17.05.2019 to 19.05.2019 & 03 Days
14.	Recent Trends in Pure and Applied Mathematics	Government College for Women (Autonomous), Kumbakonam.	17.07.2019 to 18.07.2019 & 02 Days
15.	National Level E-Quiz on General Mathematics Competition	Seshasayee Institute of Technology, Trichy	08.05.2020 & 01 Day
16.	Essential Mathematics for Engineering Research	Kings College of Engineering-Punalkulam.	16.05.2020 & 01Day
17.	National Level Webinar on Guidelines for Writing a Research Paper	Arasu Engineering College, Kumbakonam	22.05.2020 & 01 Day
18.	National Level Webinar on Mathematical Models in Science and Engineering	Kovai Kalaimagal Collge of Arts and Science, Coimbatore.	22.05.2020 & 01Day
19.	National Level Webinar on Current Research in Fuzzy Mathematics	Sri Pushpam College, Poondi.	24.05.2020 & 01 Day
20.	Fuzzy sets Vs Crips Sets	Arasu Engineering College, Kumbakonam	06.06.2020 & 01 Day
21.	National Level Webinar on Techniques and Applications in Teaching Engineering Mathematics	K.Ramakrishnan College of Engineering, Trichy.	10.06.2020 & 01 Day
22.	National Level E-Quiz Programme on Quantitative Aptitude	Morning Star Arts and Science College for Women, Pasumpon.	25.06.2020 & 01Day
23.	National Level Webinar on Differential Transforms and series Solutions of Non-Darcy momentum of Mathematics	KPR Institute of Engineering and Technology , Coimbatore.	25.06.2020 to 26.06.2020 & 02 Days
24.	National Level E-Quiz in Mathematics Competition	AMET Deemed University , Chennai.	25.06.2020 & 01Day

25.	National Level Webinar on New Directions in Pure and Applied Mathematics	Government Arts College (Autonomous), Kumbakonam.	29.06.2020 & 01 Day
26.	National Level Webinar on Inner Product Space	Urumu Dhanalaksmi College, Tiruchirappalli.	06.07.2020 & 01 Day
27.	On line Quiz on Basic Linear Algebra	Virudhunagar Hindu Nadars and Senthilkumara Nadar College, Viruthunagar.	06.07.2020 & 01 Day
28.	“National Level E-Quiz Programme on Quantitative Aptitude”	Morning Star Arts And Science College For Women, Pasumpon.	08.07.2020 & 01Day
29.	National Level E-Quiz on Basic of Algebra and Real analysis Competition	Government Arts and Science College, Manalmedu.	14.07.2020 & 01 Day
30.	National Level Webinar on Turning Obstacles into opportunities	Mahatma Gandhi Mission’s College of Engineering and Technology, Maharastra.	18.07.2020 & 01Day
31.	National Level E-Quiz Competition	Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana.	22.07.2020 & 01 Day
32.	Logical Reasoning	Poornima Institute of Engineering and Technology, Jaipur.	23.07.2020 & 01 Day
33.	National Level E-Quiz on Statistics	Siga College of Management and Computer Science, Villupuram.	26.07.2020 & 01 Day
34.	National Level E-Quiz on Real Analysis Competition	Trinity College For Women, Namakkal.	31.07.2020 to 04.08.2020& 05 Days
35.	“Online Quiz On Numerical Methods”	Siga College of Management and Computer Science, Kappiyampuliyur, Villupuram.	17.08.2020 & 01 Day
36.	National Level Webinar on Fractals and their Applications’ in Science and Engineering	Sri Sai Ram Institute of Technology , Chennai.	18.06.2021 & 01 Day
37.	National Level Webinar on Vedic Maths in Trigonometry and Binary Number System	Dr.M.G.R Educational and Research Institute, Chennai.	24.06.2021& 01 Day
38.	National Level Webinar on Applications of Finite Volume Method	Sri Venkateshwara College of Engineering, Sriperumbudur.	25.06.2021& 01 Day

	in Heat Transfer Problems		
39.	National Level Online Quiz on National Statistics Day	Kongu Arts and Science College, Erode.	01.07.2021 & 01 Day
40.	National Level Online Quiz Logical Programming	Poornima Institute of Engineering and Technology, Jaipur.	22.07.2021 to 23.07.2021& 02 Days

## **PERSONAL PROFILE**

Name : Dr. P. MADURANTHAKI  
Father's Name : A. PANNEERSELVAM  
Mother's Name : P. THANGAMMAL  
Date of Birth : 10th July 1980 [10.07.1980]  
Nationality : Indian  
Religion : Hindu  
Community : MBC  
Marital Status : Married  
Sex : Female  
Blood Group : O<sup>+</sup> ve  
Languages Known : English, Tamil

### **Computer Skills**

Proficiency in MS office, C++.

### **Reference:**

Dr. G. RAMESH,  
Associate Professor and Head,  
Department of Mathematics,  
Government Arts college (Autonomous),  
Kumbakonam- 612 002.  
Email : grameshgac@gmail.com  
Contact No: 09443578315

### **DECLARATION**

I hereby declare that the information's given above are true to the best of my knowledge and belief.

**(Dr. P. MADURANTHAKI)**

From

Dr. P. Maduranthaki  
31, SMI Complex,  
OSJ Abudeen Nagar,  
Perumbandi Panchayath,  
Kumbakonam, Thanjavur District,  
Tamilnadu, Pin-612 002.

To

The Principal,  
Annai College of Arts and Science,  
Anakudi Road, Kovilacheri,  
Kumbakaonam-612503

Respected sir,

Sub : Application for the post of Assistant Professor in Mathematics –Reg

I come to understand that there are vacancies for the post of Assistant Professor in Mathematics, in your esteemed institution. I submit here my application and resume for your kind consideration and favourable orders.

If I am appointed, I assure you sir, that I will be quite obedient to my superiors and do loyal and sincere service.

Thanking You

Place: Kumbakonam

Yours Sincerely,

Date: 31.08.2021

**(Dr. P. MADURANTHAKI)**