

## DEPARTMENT OF MATHEMATICS



1	Name	Dr. V. RAJA		
2	Designation	Associate Professor of Mathematics.		
3	Qualification	M.Sc., M. Phil., P.hD.,		
4	Age & DOB	45, 06 – 03 -1979.		
5	Date of first appointment	20 – 12 -2004		
6	Date of joining in Govt. Service	13 -10 -2008		
7	Research Experience (years)	Nil		
8	Area of Research	Fuzzy Algebra		
9	Research Guidance(No)		M. Phil	Ph.D.
		Guided	Nil	Nil
		Guiding	Nil	Nil
		Others	Nil	Nil
10	Research Papers(No)	6		
11	Books published(No)	Nil		
12	Major/Minor Projects	Nil		
13	Conference Participation	7		
14	Conference Organized	2		
15	Awards/Honors Received	Nil		
16	Extension Activities	-		
17	Administrative Position in College	Nil		
18	Membership in academic/ professional bodies	Nil		
19	Others(relevant to academic activity)	Nil		
20	For Correspondence	Mobile Number	9786580503	
		Mail Id	drrajamaths2020@gmail.com	

**Academic:**

<b>Degree</b>	<b>Institution</b>	<b>Month and Year of passing</b>	<b>Ranks/ if any</b>
<b>Ph.D</b>	<b>H.H The Rajah's College(Auto), Pudukkottai.</b> Bharathidasan University, Tiruchirappalli	<b>Feb– 2020</b>	-
<b>M.Phil.</b> (Mathematics)	<b>Madurai Kmaraj University, Madurai.</b>	<b>Nov- 2005</b>	-
<b>M.Sc.</b> (Mathematics)	<b>A.V.V.M. Sri Pushpam College, Poondi,</b> Bharathidasan University, Tiruchirappalli	<b>Nov- 2002</b>	-
<b>B.Sc.</b> (Mathematics)	<b>Raja Serfoji Government College, Thanjavur,</b> Bharathidasan University, Tiruchirappalli	<b>Nov- 1999</b>	-
<b>H.Sc.</b> (State Board)	<b>St. Antony's Higher Secondary Schools, Thanjavur.</b>	<b>MAR- 1996</b>	-
<b>S.S.L.C.</b> (State Board)	<b>St. Antony's Higher Secondary School, Thanjavur.</b>	<b>APR- 1994</b>	-

**Experience:**

1. Worked as Assistant Professor of Mathematics in **Arignar Anna Government Arts Collge**, Musiri 13<sup>th</sup> October 2008 to 30<sup>th</sup> June 2009.
2. Worked as Assistant Professor of Mathematics in **Rajah Serfoji Government College**, Thanjavur-5, 1<sup>st</sup> July 2009 to 12<sup>th</sup> October 2013.
3. Worked as Assistant Professor of Mathematics in **M.R. Government Arts & Science College**, Mannargudi, 13<sup>th</sup> October 2013 to 10<sup>th</sup> July 2024.
4. Worked as Associate Professor of Mathematics in **Rajah Serfoji Government College**, Thanjavur-5, 11<sup>th</sup> July 2024 – still now.

**ORGANIZING SEMINAR:**

1. One day Training Programme on **STATE ELIGIBILITY TEST** Organized by Department of Mathematics on 21- 01- 2015 at M. R. G.A .College, Mannargudi.
2. The National Virtual webinar on “**INTRODUCTION TO OPTIMIZATION TECHNIQUES**” Organized by Department of Mathematics On 04-08-2021 at M. R. G.A .College, Mannargudi.

### **Co-Curricular Activities:**

1. Examiner for Teachers Recruitment Board, from 10-10-2023 to 13-10-2023 at Chennai.
2. Workshop for updating of question bank Tamil Nadu Public Service Commission, From 10-08-2023 to 17-08-2023
3. Examiner for Tamil Nadu Public Service Commission, from 09-01-2024 to 12-01-2024 at TNPSC, Chennai.

### **Acted as Resource Person/Special Lecture**

1. Acted as Resource Person in Seminar on **NATIONAL MATHEMATIC SDAY-MATH SPARKLE 2023** held on 22-12-2023, Organized by the Department of Mathematics, Idhaya College for Women, Kumbakonam.
2. Acted as Resource Person in Seminar on **APPLICATION OF FUNCTIONS & RAMANUJAN NUMBERS** held on 12-07-2024, Organized by the Department of Mathematics, Idhaya College for Women, Kumbakonam.

### **CONFERENCE ATTENDED**

1. Participated in the Fourth National Conference On MATHEMATICAL & COMPUTATIONAL MODELS On December 13–15, 2007. Organized by the Department of Mathematics & Computer Applications, PSG, College of Technology, Coimbatore.
2. Participated in the National Seminar on NANOTECHNOLOGY & CONSUMER PRODUCTS on 10 - 11 August 2007 at PRGI, PREC Campus, Thanjavur.
3. Participated in the National Conference and workshop on SOFT & INTELLIGENT COMPUTING on January 23–25, 2008 Organized by the Department of Computer Science and Engineering, Tamil Nadu College of Engineering, Coimbatore.
4. Participated in the National Level One Day RAMANUJAN Memorial Seminar on 22nd December 2010, organized by the Ramanujan Research Centre, Pg & Research Department of Mathematics, Govt. Arts College (Auto), Kumbakonam.
5. Participated in the UGC Sponsored Two Day State Level Workshop on Graph Theory & Stochastic Processes On August 26–27, 2013 organized by Pg & Research Department of Mathematics, Rajah Serfoji Government College, Thanjavur-5
6. Participated in the NAAC Sponsored Two Day Seminar on MODERN EDUCATION & RESEARCH TOOLS IN HIGHER EDUCATION on 24–25 July, 2015 at MRGAC, Mannargudi.
7. Participated in the National Conference On CONTEMPORARY MATHEMATICS & ITS APPLICATIONS (CMA2023) on 24<sup>th</sup> March, 2023 Organized by the Department of Mathematics in association with IQAC, Sengamala Thayaar Educational Trust Women's College (Auto), Sundarakkottai, Mannargudi

### **Participated in Orientation / Refresher Courses:**

1. Participated in the Oriented Course (Intensive Training Programme) conducted for the newly recruited Govt. Arts and Science college teacher held from **13-10-2008 to 08-11-2008** organized by Tamil Nadu State Council For Higher Education and University Grants commission-Academic Staff College, **University Of Madras**.
2. Participated in Refresher Course, University Grants Commission, Human Resource Development , UGC sponsored, held from **6-10-2011 to 30-06-2011**, **Bharathidasan University, Trichy**.
3. Participated in Refresher Course, University Grants Commission, Human Resource Development , UGC sponsored, held from **11/07/2013 to 27/11/2013**, **Madurai Kamaraj University**
4. Participated in Refresher Course, University Grants Commission, Human Resource Development, UGC sponsored, held from **13/07/2018 to 08/02/2018**, **Bharathidasan University, Trichy**.
5. Participated in Refresher Course, University Grants Commission, Human Resource Development, UGC sponsored, held from **25/08/2021 to 07-09-2021**, **University Of Mysore, Manasa Gangotri, Mysore**.

### **List of publication in international journals**

1. K.R. Balasubramanian and V.Raja, Interval–Valued Intuitionistic Fuzzy Ideal Extensions in Semi rings, International Journal of Applied Engineering, Research, 2018, ISSN: 0973-4562.
2. K.R. Balasubramanian and V.Raja, Results on Intuitionistic Fuzzy k-ideals of Semi ring, International Journal of Mathematics and its Applications, 2018, ISSN: 2347-1557
3. K.R. Balasubramanian and V.Raja, Interval–valued Intuitionistic Q-Fuzzy k-ideals in ternary Semi ring, Journal of Applied Science and Computations, 2018, ISSN:1076-5131.
4. K.R. Balasubramanian and V.Raja, Interval–valued Intuitionistic Q-Fuzzy ideals in ternary Semi –rings, Journal of Global Research in Mathematical Archives, 2018, ISSN: 2320-5822.
5. K.R. Balasubramanian and V.Raja, Interval –valued Intuitionistic Fuzzy k-ideal in Semi – rings, 2018, ISSN: 0751-0756.
6. K.R. Balasubramanian and V.Raja, Interval–Valued Intuitionistic Fuzzy Ideal Semi Rings, 2018, ISSN: 0751-0756.