

# Raja Doraisingam Government Arts College

Sivagangai – 630561

## FACULTY PROFILE ( 2022 – 23)

Department: **MATHEMATICS**

1. Name : Dr. M. Priyadarshini.
2. Father's Name : S. Muruganantham B.sc.
3. Designation : Guest Lecturer
4. Age & Date of Birth : 15-06-1984
5. Gender : Female
6. Address for Communication : W/O V. Ilangovan BE  
1655/D2, Alagumeignanapuram,  
Panangadi Road, Sivagangai,  
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7. Educational Qualification :M.Sc ., M.phil., B.Ed., CGT, Ph.D.,



Exam Passed	Board/ University	Subjects	Year of passing	Division/ Grade/ Merit etc.
S.S.L.C.	Board of Sec. Education		Mar 99	First Class
H.Sc.	Board of Hr.Sec.Exam Tamil Nadu	Bio - Maths	Mar 01	First Class
B.Sc.	Madurai Kamaraj University, Madurai	Maths	April 04	First Class
CGT	Madurai Kamaraj University, Madurai	Certificate in Gandhian thought	13.08.2003	Second Class
M.Sc.	Alagappa University, Karaikudi	Maths	April 06	First Class
M.Phil.	Madurai Kamaraj University, Madurai	Maths	April 08	
Ph.D.	ManonmaniamSundaranar University, Tirunelveli.	Maths (Topology)	January 2018	

## 8. Experience

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S. NO	Post Held	Institution	Period		Total Teaching Experience	
			From	To	Year	Month
1	Lecturer	Idhaya College for Women, Sarugani.	12/07/06	17/11/07	2 Years	10 months
			1/08/08	27/07/09		
			04/07/11	30/12/11		
2	Guest Lecturer	Government Arts College for Women Sivagangai	25/08/10	28/02/11	1 year	04 months
			02/11/2012	07/08/13		
3	Guest Lecturer	Raja Doraisingam Govt. Arts College Sivagangai	28/07/09	17/07/10	9 Years	03 months
			08/08/13	Till date		
<b>Total Number of Years of Experience</b>					<b>13 Years</b>	<b>5 Month</b>

## 9. Seminar/ Conference/Workshop attended:

S. NO	Topic	Institution	Date & Year
1	Topics in Algebra	Raja Doraisingam Govt. Arts College Sivagangai	14 <sup>th</sup> and 15 <sup>th</sup> October 2004
2	State Level Quiz Contest	Alagappa University, Karaikudi.	11.03.2005
3	Applied Mathematics	Raja Doraisingam Govt. Arts College Sivagangai	08.03.2006
4	State Level Quiz Contest	Alagappa University, Karaikudi.	13.03.2006
5	Human Rights Education to sole the Emerging Challenges on Social Issues	Raja Doraisingam Govt. Arts College Sivagangai	12 <sup>th</sup> to 13 <sup>th</sup> April 2010
6	Algebra, Topology And Their Applications	AyyaNadarJanakiAmmal College, Sivakasi.	11 <sup>th</sup> And 12 <sup>th</sup> March 2013
7	Recent Trends in pure and Applied Mathematics	Government Arts College for Women, Sivagangai	13 <sup>th</sup> February 2019
8	Recent Research Development in Pure And Applied Mathematics	Government Arts College, Karur-5	21 <sup>st</sup> and 22 <sup>nd</sup> February 2019
9	International Conference on Recent Advances in Pure And Applied Mathematics	Raja Doraisingam Govt. Arts College, Sivagangai	27 <sup>th</sup> and 28 <sup>th</sup> August 2019
10	National Level Webinar on Distributive Lattice Decomposition of Semi-rings	Rajah Serfoji Government College (Autonomous)	27.01.2022

11	Two Days National Level Workshop on “CSIR-NET/JRF in Mathematics”	Raja Doraisingam Govt. Arts College, Sivagangai	28 <sup>th</sup> and 29 <sup>th</sup> April 2022
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10. Mphil ., Guidance/Supervisorship:

Name of scholar	Course	Area of research	status
M.SENTHAMIL SELVI	Mphil., Maths (PT) , Mother Teresa Women’s University	On $\alpha(\beta)$ - $\rho$ - open(closed) sets and related concepts in Topology	Dissertation submitted to the Mother Teresa Women’s University, August 2021
B.PONMALAR	Mphil., Maths (PT), Mother Teresa Women’s University	Topology	Research going on.
M.MALATHI	Mphil., Maths (PT), Mother Teresa Women’s University	Topology	Research going on.

11. Details on Research Publications :

**PUBLICATIONS**

**PUBLISHED ARTICLES**

[1] On pre- $\rho$ -Continuity where  $\rho \in \{L, M, R, S\}$ , International Journal of science and Research, Volume 4, Issue 4, April 2015, PP: 278-283.(Impact Factor: 4.438).

[2] On Semi- $\rho$ -Continuity where  $\rho \in \{L, M, R, S\}$ , International Journal of Technical Research and applications, e-ISSN: 2320-8163 Volume3, Issue 3 (May-June 2015) pp.121-226.(Impact Factor: 4.395).

[3] On  $\alpha$  -  $\rho$ -Continuity where  $\rho \in \{L, M, R, S\}$ , International Organization of Scientific Research , Volume 11, Issue 3, (May-June 2015) . (Impact Factor: 1).

[4] On  $\beta$  -  $\rho$ -Continuity where  $\rho \in \{L, M, R, S\}$ , International Journal of Science and Engineering Research , ISSN: 2229-5518, Volume 6, Issue 5 (May 2015).(Impact Factor: 3).

[5] On P- $\rho$ -Connected space in a topological space, International Journal of science and Research, Volume5, Issue 8, August 2016, ISSN: 2319-7064, PP: 395-401.(Impact Factor:6.391).

[6] On S- $\rho$ -Connected space in a topological space, International Journal of Emerging Trend in Science and Technology, Volume 3, Issue 8, August 2016, ISSN :2319-7064, PP:4498-4506. (Impact Factor: 2.838).

[7] On Pre- $\rho$ -Compact space in a topological space, International Journal of current Research, Vol. 08, Issue 09, September 2016, PP: 38649-38658, ISSN: 0975-833X.(Impact Factor: 4).

[8] On Semi- $\rho$ -Compactspace in a topological space, International Journal of Development Research, Vol. 06, Issue 10, October 2016, PP: 9669-9677, ISSN: 2230-9926.(Impact Factor: 4).

[9] On  $\alpha$  -  $\rho$ -Connected space and  $\beta$  -  $\rho$ -Connected space in a Topology, “National Conference on Recent Trends in pure and Applied Mathematics”, Government Arts Collegefor Women, Sivagangai. 13<sup>th</sup> February 2019.

[10] On  $\alpha$  -  $\rho$ -Compactspace and  $\beta$  -  $\rho$ -Compactspace in a Topological space, “National Conference on Recent Research Development in Pure And Applied Mathematics”, (NCRRDPA – 2019), Government Arts College, Karur-5. 21<sup>st</sup> and 22<sup>nd</sup> February 2019.

[11] On Contra pre- $\rho$ -Continuity and Contra semi- $\rho$ -Continuity where  $\rho \in \{L, M, R, S\}$ , “International Conference on Recent Advances in Pure And Applied Mathematics”, Raja Doraisingam Govt. Arts College, Sivagangai, 27<sup>th</sup> and 28<sup>th</sup> August 2019.

[12] On  $\alpha$  ( $\beta$ )-  $\rho$ - open(closed) sets and related concepts in Topology, Dissertation submitted to the Mother Teresa Women’s University, August 2021 .