

**Name: R. MathuPritha**

**Designation: Assistant Professor**

**Department: Mathematics**

**Date of Joining: 16.09.2020**

**Phone with Extn. No: 9994992294**

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**Educational Qualification:**

Degree	Subject	College / University & Place	Year Completed
M. Phil	Mathematics	Madurai Kamaraj University	Oct 2001
M.Sc	Applied Mathematics	Thiagarajar College of Engineering	May 1998
B.Sc	Mathematics	Sri Meenakshi Govt. Arts College for Women	May 1996

**Specialisation in Teaching: Algebra, Analysis, Graph Theory**

**Specialisation in Research: Fuzzy Graphs**

**Research Interests: Graph Theory**

**Other Work Experience:**

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor	The American College	16.09.2020 – Till date
Assistant Professor	Lady Doak College, Madurai	12.06.2017-15.09.2020
Assistant Professor	Vaigai College of Engineering, Madurai	02.08.2012-13.04.2017
Assistant Professor	Latha Mathavan Engineering College, Madurai	15.07.2011-31.05.2012
Assistant Professor	K.L.N. College of Information Technology, Madurai	01.08.2008-20.05.2011
Lecturer	N.M.S Sermathai Vasanth College for Women,	03.02.1999-31.07.2008

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**Administrative /Academic Position/s (held/currently holding):**

Positions held / currently holding	Year - From (month/year) To month/year)
UG President	June 2021 – May 2022

**Articles Published in International Journals:**

1. Fuzziness on Interconnection Networks Under Ratio Labelling, Intelligent Data Engineering and Analytics, 165-173, 2022, <http://doi.org/10.1007/978-16-6624-7>
2. Fuzzy Tree t-Spanners of Ratio Labelled Butterfly Network, Indian Journal of Science and Technology, 17(SP1):58-63, <http://doi.org/10.17485/IJST/vi7sp1.164>

**Conference/Seminar Presentations:**

- ✓ Identification of Fuzzy Graphs using Ratio Labelling in Mathematical, Computational Intelligence and Engineering Approaches to Healthcare, Business and Tourism Analytics 2020 at The American College, Madurai on 20,21 and 22 Dec 2020
- ✓ Fuzziness on Interconnection Networks Under Ratio Labelling, in the 9<sup>th</sup> International Conference on frontiers of Intelligent Computing: Theory and Applications (FICTA2021) through online at NIT, Mizoram, India on 25-26 June 2021
- ✓ Minimum Fuzzy Tree t-Spanners on Certain Classes of Ratio Labelled Graphs in International Conference on Exploration of Contemporary Mathematical Sciences-2022 at MannarThirumalaiNaicker College, Madurai on 17-18 Mar 2022
- ✓ Diameter of Ratio Labelled Interconnection Networks in International Conference on Recent Strategies in Mathematics and Statistics at Stella Maris College, Chennai 19-21 May 2022
- ✓ Investigating the Admittance of Fuzziness by Ratio Labelling on General Graphs in 3<sup>rd</sup> International Conference on Computational Intelligence-ICCI-2022 organised by Soft Computing Research Society and IIIT Pune, On 29-30 December 2022
- ✓ Fuzzy Tree t -Spanners of Ratio Labelled Butterfly Network in 9<sup>th</sup> International Conference on Discrete Mathematics and Mathematical Modelling in Digital Era-ICDMMMDE-2023 at Gandhigram Rural Institute on 23-25 March 2023
- ✓ Analysis Of Fuzziness Using Ratio Labelling With Polynomial Time Algorithm in A Two Day International Conference on Computational Engineering-ICCE-2023 at SIMATS Engineering, Saveetha Institute of Medical And Technical Sciences, Chennai on 8-9 December 2023

**Other Activities / Academic Credentials:**

- ✓ Contributed two video lectures in OER commons

<https://www.oercommons.org/courses/file-handling-in-c-programming>

<https://www.oercommons.org/courseware/lesson/71302>