STAFF PROFILE

1) Name : Dr. MARIAPRESENTI. L

2) Designation : Assistant professor

3) Department : Mathematics

4) Qualification : M. Sc., B. Ed., M. Phil., Ph. D., PGDOR., DCA

5) Experience :Teaching: 7 years

6) Area of Specialization (s) :Topology, Algebra

7) E-mail : presentimaria88@gmail.com

8) Academic Qualifications : M. Sc., B. Ed., M. Phil., Ph. D., PGDOR., DCA

9) Additional Qualifications:

Diploma/ Vocational/ Certification	Area of Spealization	Institution/ University/ Agency Name	Year
MS office	Computer science	Bharathiyar university	2006
PGDOR	Mathematics	Bharathiyar university	2011
DCA	Computer science	Hindustan software limited	2007

10) Research Guidance

Programme	No of Scholars	
	Completed	Pursuing
Ph.D	-	1

11) Research Publications

International

1. **L. Mariapresenti,** i. Arockiarani., Vague generalized alpha closed sets in topological spaces, *International jour-nal of mathematical archive*, 7(8), (2016), 23-

29.

2. **L. Mariapresenti,** i. Arockiarani., A new class of vague generalized alpha mapping, *International journal of multidisciplinary research and development*, 3(8),(2016), 94- 101.

3. **Mariapresenti. L** , Arockiarani I & Arokia Lancy ., A new class on interval valued vague space, *International journal of engi-neering technology and management,* 4(5), (2017), 01-08.

4. **Mariapresenti. L** , Arockiarani I & Arokia Lancy ., Note on Interval valued Vague Volterra Spaces, *Elixir. Appl. Math,* 109C, (2017), 47800-47806

5. **Mariapresenti. L** , Arockiarani I & Arokia Lancy ., On interval valued vague weakly Volterra space, *Global journal of engineer-ing science and researches,* 4(12), (2017), 1- 9.

6. **Mariapresenti L,** Arockiarani I ., A new class of vague submodule, *Global journal for research analysis*, 6(2),(2017), 711-713.

7. S. Jafari, **Mariapresenti L,** Arockiarani I., Vague direct product in BCK-algebra,*International Journal of Innovative Science, Engineering Technology*, 4(8),(2017), 1-8.

8. **Mariapresenti L,** Arockiarani I., Vague translations of vague H- ideals in BCK algrebras, *Bulletin of math-ematics and statistics research*,5(1), (2017),103-110.

9. **Mariapresenti L,** Arockiarani I., A new approach of interval valued vague set in plants, *International journal of pure and applied mathematics*., Volume 120 No. 7 2018, 325- 333

10. **Mariapresenti L,** Arockiarani I &Arokia Lancy ., Vague block matrices, *International journal of engineering sciences and management research*, 5(7), (2018), 16-26.

11. **Mariapresenti L,** Arokia Lancy ., Generalized inverse of vague matrix, *International journal of scientific en-gineering and science*, 2(7), (2018), 4-8.

12. **Mariapresenti L,** Arokia Lancy ., On interval valued almost resolvable spaces, *International journal of latest engenerring and management research*,3(7),2018, 22-30.

13. **Mariapresenti L .,** On vague Volterra Space, *Indian journal of applied Research* vol-9, issue-4, 2019, 73-76.

14. **Mariapresenti L .,** Application of vague set in the selection of suitable fish for aquaculture ., *The International journal of analytical and experimental modal analysis.,* Vol- 2. issue-10, 2019, 2088-2091.

15. **Mariapresenti L .,** Vague KU- ideals of KU- algebras*., INFOKARA Research*., Vol-9 issue-4, 2020, 160-167

16. **Mariapresenti L** and S. Mythili ., A note on vague weakly volterra spaces., *Alochana chakra journal.,* Vol-IX, issue-VIII, 2020,177- 183

17. **Mariapresenti. L**., COVID-19: Bringing to Light the New Skin of Educational, Psychological and Financial Crisis of the College Students., *Journal of The Maharaja Sayajirao University of Baroda*., Vol-55 Noi(VI)-2021, 293-305.

18. Anusha Antony., **Dr. L. Mariapresenti**., Vague gamma generalized sets in topological spaces., *International Journal of Creative Research Thoughts.*, Vol-12 issue-2, 2023, 1-9.

19. F. Prishka and **Dr. L. Mariapresenti**., Bipolar Vague alpha Generalized Closed sets in Topological Spaces., *Journal of Basic Science and Engineering.,* Vol-21,No-1., 2024, 1390-1398.

12) Presentations in Conference

International

- ❖ **A New Approach of Interval valued vague set in plants.,** International conference on mathematics and computer science.(Stella maris college, chennai)

- ❖ **Vague Relation with Max- Min Composition Technique in Medical Diagnosis.,** International conference on Applicable mathematics (Nirmala college for women, Coimbatore)

- ❖ **Application of Vague Matrix in Multi- Criteria Decision making problem.,** International conference on computing sciences.(Loyola college, chennai)

13) Participation in 3 International Conferences
- On Computing Sciences 2018 (Loyola College, Chennai)
- On Mathematics and computer science 2016 (Nirmala college for women)
- On applicable Mathematics 2016 (Stella maris college, Chennai) and
- 1 National Conferences on "Advances in applied Mathematics" (2010)

14) Participation in National Seminar
- "Research Issues on topology and computing" (2017)

15) Participation in Workshop

- On Intellectual property rights, patent and copyrights (2019)
- On outcome based education (2018)
- On Mathematical Biology (2017)
- On Preparation of E- content- Design, Editing and Production(2016)
- "NEP: Implementation Imperatives for Higher Education System" (Nirmala college for women,Coimbatore)(2021)
- National Workshop "Mathematical Insight - Biological Problems"(Sri Sarada College for Women, Salem)(2022)
- Workshop on "How to Make your research Productive"(2023)
- Workshop on "Data Analytics"(2023)
- Online Workshop "Artificial Intelligence Tools for Educators" (2023)
- 3 day Online workshop on "Research Project Proposal Writing & Report Writing" (2023)

16) Participation in Webinar/ Symposium
- Webinar on "Mathematics Embedded in Tamil Culture and Literature "(Nirmala college for women)(2020)
- Webinar on"The Art of Debriefing in Simulation Based Learning"(Hindusthan College of arts and Science& Zillion Club Learning Foundation)(2020)
- Webinar on "The 7 Gifts of the Holy Sprit", (Nirmala college for women)15.06.2020 to 21.06.2020
- National Webinar on Fuzzy Applications(St. Joseph's College of Arts and Science)(2020)
- National Symposium " Novel Approaches Towards Biomathematics",(Sri Sarada College

for Women, Salem)(2022)

17) Participation in Faculty Development Programme

- "Applications of Mathematics" organized by the Department of Mathematics, Karunya Institute of Technology and Sciences, Coimbatore, from 20th - 24th July 2020.
- "How to Publish Research Articles in SCI Journal"(Nirmala college for women)(2021)
- "Three Day Online FDP"(Pioneer College Of Arts and Science)27th - 29th January 2022
- National Level FDP, (RBVRR Women's College, Hyderabad)2nd - 6th May 2022.
- National FDP on Effective Teaching and Learning Methodologies for Differential Equations, (PSGR Krishnammal College for Women, Coimbatore) from 25th- 27th April 2022
- Education 5.0, (Dr. MGR Educational and Research Institute, Chennai) from 15th - 19th May 2023.
- Frontiers of Mathematics, (SRM institute of Science and Technology, Chennai)5th to 19th July 2023.
- 'Latest Trends on Computational Mathematics - Theory, Methods & Applications', (JIS University)26th Feb to 01st March 2024.
- "Mathematics and its Application" (PSGR Krishnammal College for Women, Coimbatore) from 11th - 15th March 2024.
- "R programming for Budding Data Analysis" (Research Foundation of India & RFI Care) from 9th - 18th June 2024.
- "Transforming Education with Artificial Intelligence: A Faculty Development Journey" (School of Computational Sciences, KG College of Arts and Science, Coimbatore) from 22th to 26th July 2024.