

**Name** : Mrs.A.THAMILPRIYA  
**Designation** : Assistant Professor  
**Department** : Mathematics  
**Qualification** : M.Sc., M. Phil., SET, (Ph.D.)  
**Experience** :Teaching: 10 years and 8 months  
**Area of Specialization(s)** :Digital Topology  
**Email (OfficialID)** :thamilpriya@drngpasc.ac.in



### AcademicQualifications

| Degree  | Branch           | Institution/UniversityName                                  | Yearof Graduation |
|---------|------------------|---|-------------------|
| M.Phil. | Mathematics      | Government Arts and ScienceCollege, Coimbatore              | 2014              |
| M.Sc.   | Mathematics      | Government Arts and ScienceCollege, Coimbatore              | 2012              |
| B.Sc.   | Mathematics (CA) | Dr. SNS Rajalakshmi College of Arts and Science, Coimbatore | 2010              |

### AdditionalQualifications

| Diploma/<br>Vocational/<br>Certification | AreaofSpecialization          | Institution/University/AgencyName            | Year |
|--|-------------------------------|--|------|
| SET                                      | Mathematics                   | TNSET – Mother Terasa University, Kodaikanal | 2017 |
| Online Course                            | StressManagement              | NPTEL  | 2018 |
| Online Course                            | Introduction to R Programming | Udemy  | 2021 |

### Presentations in Conference

- A Comparative Study On Some Topology Preserving Parallel Thinning Algorithms, National Conference on Recent Developments in Mathematics, Government Arts College, Coimbatore, 21-02-2019 to 22-02-2019.
- A Study On Some Parallel Thinning Algorithms In Digital Topology, National conference,Dr.N.G.P Institute of Technology, Coimbatore,3-Feb-2017.
- A STUDY ON  $(I,J) - (GS)**$  CLOSED SETS IN BITOPOLOGICAL SPACES , National conference, Dr.N.G.P. Arts and Science College, Coimbatore,
- Applications of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore,18-Feb-2008.

## **Participation in Conference**

- National Conference on Mathematical Analysis and Computing, Sree Sevugan Annamalai College, Sivagangai, 28 May 2021

## **Participation in Seminars**

- Mathematical Computation, Tamilnadu State Council for Higher Education sponsored National Seminar, Government Arts College, Coimbatore, 28-Mar-2011.
- Numerical Techniques of Partial Differential Equations, Erode Sengunthar Engineering College, 22-Dec-2017 to 23-Dec-2017.
- Webinar on Mathematics-A tool for Engineering and Technology, New Prince Shri Bhavani Arts and Science College, Medavakkam, 31-07-2020
- Implementation of Mathematics in day-to-day Life on Diversified Realms, PPG College of Arts and Science, Coimbatore, 19-May-2021
- Hands on Training on Statistics using R Programming, KPR Institute of Engineering and Technology, Coimbatore, 22-May-2021
- One day Webinar on Emerging Trends in Mathematical World 2021, Parvathy's Arts and Science College, Chennai, 10-June 2021
- National Webinar on Effective Research writing in Mathematics organized by PG Department of Mathematics (Shift II), Patrician College of Arts and Science on 12 June 2021
- Webinar on Mathematical Applications in Data Science organized by B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, Jan 31, 2022
- One day National seminar on Current Scenario in Graph theory and its Applications organized by V.V. Vanniaperumal college for women, Virudhunagar, Feb 11, 2022
- Webinar on Tricks to solve Aptitude Problems organized by Government Arts College, Coimbatore, April 11, 2022
- International webinar on "Applications of Topology in Data Analysis" organized by Hindusthan College of Arts and Science, Coimbatore, 22.02.23.

## **Participation in Workshop**

- Graph Theory and its Applications, Hindustan College of Engineering and Technology, 14-Jul-2016 to 15-Jul-2016.
- Mathematical Modeling, Dr. SNS Rajalakshmi College of Arts and Science, 14-Mar-2008.
- National Workshop on Experimental Research -Ways and Means, Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai, 21-May-2021
- DBT STAR sponsored outreach programme on MATLAB – A Tool for projects organized by Sri Sarada College for Women, Salem, Jan -27, 2022
- One day National symposium on Novel Approaches towards Biomathematics organized by Sri Sarada College for Women, Salem, Feb-14, 2022
- Science Academies' Virtual Lecture workshop on Mathematical Biology organized by School of Foundational Sciences, KCT, Feb-25, 2022
- Online Workshop on Vedic Mathematics and its Applications organized by Annant Gyan Knowledge and Skills Private Limited, June 6 to 11, 2022

- International online workshop on Academic Writing – Ethical Issues organized by Global Institute of Statistical Solutions(GISS), Sep 3-5, 2022
- Two days National Level Workshop on “Algebraic Topology” jointly organized by N.G.M. college, Pollachi & Government Arts College, Coimbatore,20.01.23 & 21.01.23
- Two days National Level Workshop on “How to crack CSIR-NET” organized by Sri Ramakrishna College of Arts and Science, Coimbatore, 1<sup>st</sup>& 2<sup>nd</sup> March,2023

#### Participation in Orientation Programme/Short Term Courses

- SOFT SKILL TRAINING PROGRAM, Government Arts College, 04-Jan-2011 to 03-Feb-2011.
- Two days Hands on Training Programme on Solving Optimization Problems using Microsoft Excel and Solver, Sengamala Thayar Educational Trust Women’s College, Mannargudi, 10-June-2021 to 11-June-2021.
- A Five day short-term Training program on “Data Science for all with R”, National Institute of Technology, Warangal, 22.02.2023 to 26.02.2023

#### Participation in Faculty Development Programme

- Seven Days Faculty Development Program on **NAAC Revised Accreditation Framework and OBE Assessment Methodology** organised by the Faculty Development Cell & IQAC, Dr.N.G.P. Arts and Science College (Autonomous), Coimbatore during 27- May-19 to 2-June-19.
- Seven Days Faculty Development Program on **Quality Initiatives in Higher Education** organized by Consortium of Colleges,13-Apr-20 to 20-Apr-20.
- Five Days Professional Development Program on **Problem Solving Techniques in Mathematical Analysis**, Patrician College of Arts and Science, Chennai, June 1-5,2021
- Seven Days Online Faculty Program on **Research Methodology and Pedagogy for Tertiary Education** organized by Internal Quality Assurance Cell and Faculty Development Cell, Dr. N.G.P. Arts and Science College (Autonomous), Coimbatore during June 15-21,2021
- One week FDP on **Computing with MATLAB and LATEX software: Indispensable tools for Researchers** organized by BABA FARID Group of Institutions, Punjab, Jan 5-11, 2022
- FDP on **Mathematical Foundations for Data Science** organized by National Institute of Technology, Warangal, Mar-11 to Mar – 15, 2022
- Five days FDP on **2<sup>nd</sup> Mathematical Sciences for CSIR-UGC NET Aspirants** organized by Vellore Institute of Technology, Aug 26-30, 2022
- Two Weeks Online International FDP on Current Trends in Applications of Mathematics organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, 21-Sep-2022 to 04-Oct-2022.

#### Invited Speaker /Session Chair/Member Organizing Committee-Conference/Seminar/Workshop

• GRAPH THEORY AND APPLICATIONS, Seminar, Mathematics club-Aryabhata, PPG Institute of Technology, 16-Feb-2018.

### Awards/Honors

| Awards/Honors | Agency/Institute                           | YearofAward |
|---------------|--|-------------|
| Best Faculty  | PPG Institute of Technology,<br>Coimbatore | 2016-17     |