Name : Dr. Vidhyapriya P

Designation : Assistant Professor

Department : Mathematics

Qualification : M.Sc., Ph.D.,

Experience : Teaching – 7 Years

Research: 3Years

Area of Specialization(s) : Topology, Operations Research,

Email(OfficialID) : pvidhyapriya@psgrkcw.ac.in

AcademicQualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
Ph.D.	Mathematics	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	2022
M. Sc.	Mathematics	Vellalar College for Women, Erode	2010
B.Sc.	Mathematics	PSGR Krishnammal College for Women, Coimbatore	2008

AdditionalQualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/AgencyName	Year
Certification	Data Science Math Skills	Coursera	2023
Certification	Tools for Data Science	Coursera	2022
Certification	Data Science Methodology	Coursera	2022
Certification	What is Data Science	Coursera	2022
Certification	IBM Data Topology	Coursera	2022

Diploma	HDCA	CSC, Harur	2008

ResearchGuidance

Programme	No.of Scholars	
	Completed	Pursuing
M.Phil.	-	-

Research Publications (Indexed)

- **Title**: δPs-Open Sets in Topological Spaces

  Vidhyapriya P,Shanmugapriya H and **Sivakamasundari K**

   AIP Conference Proceedings **(SCOPUS INDEXED)** 2261,030103(2020).

- **Title:** δPs-Continuity and Decomposition of Perfect Continuity and Complete Continuity

  Vidhyapriya P, Shanmugapriya H and **Sivakamasundari K**

  Indian Journal of Natural Sciences **(Web of Science)**, 12(65), 30484-30495(2021)

- **Title:** A New Operation Approach in Topological Spaces

  Shanmugapriya H,**Vidhyapriya P and Sivakamasundari K**

  Indian Journal of Natural Sciences **(Web of Science)**,12(65),30529-30539(2021)

- **Title:**A New Class Open Sets using δ-Preopen Sets

  Vidhyapriya P and **Sivakamasundari K**

  International Journal of Engg., Sci.,and Mathematics,10(10) 2021.

- **Title:**Various Types of Somewhat Continuity using δP_S-functions

  Vidhyapriya P and **Sivakamasundari K**

  Indian Journal of Natural Sciences **(Web of Science)**,12(69),36334-36345(2021)

- **Title:** Second order bipolar fuzzy matrix and its application in medical diagnosis

  Muthamizhselvi M, Nila M, **Vidhyapriya P**

  Communications on Applied Non Linear Analysis(Scopus Indexed), 73, 244-256 2024

Letter of Appreciation

- Served as a **Secretary of Mathematics Association** in the year 2009-2010 at Vellalar College for Women, Erode.

- Produced 100% results in Anna University Examinations during the academic year 2014- 2015 in the subjects **NUMERICAL METHODS** and **RESOURCE MANAGEMENT TECHNIQUES.**

Paper Presentations in Conference

- Presented a paper on the title "Introduction to Fractals'' at Nandha College of Arts and Science, Erode.

- Presented a paper on the title "MHD effects on unsteady incompressible fluid flow" at Angel College of Engineering, Tirupur.

- Presented a paper entitled "Heat Source Effect on Unsteady Incompressible MHD flow with Suction/Blowing" at Velalar College of Engineering and Technology, Erode.

- Presented a paper entitled "Effect of Hall Current on Flow Between a Stationary Isothermal Porous Plate Bounded by Porous Medium and a Moving Porous Plate" at M.Kumarasamy College of Engineering, Karur.

- Actively Participated in the "TEQIP-II Sponsored One Day Hands-on Training in Effective Research Documentation Using LATEX" at PSG College of Technology, Coimbatore.

- Presented a paper entitled "δP_S-open Sets in Topological Spaces" in International Conference on Advances in Applicable Mathematics at Bharathiar University,Coimbatore.

- Presented a paper entitled "Operation Approaches onδP_S -open Sets in Topological Spaces'' in 'Exploring the Expectations and Executions in Scientific Research - EEESR- 2020'at Mother Teresa Women's University, Kodaikanal.

- Presented a paper entitled "δP_s-Continuity and Decomposition of Perfect Continuity and Complete Continuity" in the International Conference on Applied Mathematics & Civil Structures (ICAMCS-2021) at SSN College of Engineering, Kalavakkam, Chennai.

- Presented a paper entitled "Contra δP_s-Continuous Functions" in the National Conference on Recent Advancements in Applied Sciences (RAAS-2023), Department Of Basic Sciences And Humanities, East Point College of Engineering and Technology, Bengaluru, Karnataka, India on 28.07.2023

- Presented a paper entitlted "Properties of δP_s- Open Sets in Topological Spaces" in the National Conference on Mathematical Innovations in Science, Engineering and Technology(NCMISET-2024) at PSGR Krishnammal College for Women, Coimbatore on 16-17 October 2024.

- Completed NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Programme (MM-TTP) of University Grants Commission (UGC) Organized ny Coimbatore Institute of Technology (CIT) from 10.06.2024 to 19.06.2024.

Actively Participated in various Conferences, Faculty Development Program, Workshop, Seminars at various Instituitions held in offline and online.

Conference/Seminar/Workshop Organized

National Seminar: 2

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration

Awards/Honors

Awards/Honors	Agency/Institute	Year of Award
Best Mentor		
Awarded		

Indexing and Citations

Contribution

- Department Association Incharge (2022-2023)

- Department B.Sc Maths(UG-SF) Admission Co-ordinator (2023 - 2024)

- Department CIIED Co-ordinator (2023 to 2024)

- Department NASSCOM Co-Ordinator (2023 to 2024)

- Acting as a Criteria 5.1.3 incharge since 2023