

**Name** : Mrs. K. Vidhyapraba

**Designation** : Assistant Professor

**Department** : Mathematics

**Qualification** : M. Sc., M. Phil.

**Experience:**

Teaching: 6 Years

Industry: Nil

Research: Nil

**Area of Specialization(s)** : Functional Analysis, Graph Theory

**Email (Official ID)** : vidhyapraba@drngpasc.ac.in

### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M. Phil.	Mathematics	PSG College of Arts and Science	2012
M. Sc.	Mathematics	Karpagam University	2011
B. Sc.	Mathematics	NGM College of Arts and Science College	2009

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
PGDCA	Computer Application	Indian Distance Computer Education	2009
NPTEL	Graph Theory	IIT, Madras	2017
NPTEL	Advanced Graph Theory	IIT, Kanpur	2018

### Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
M. Phil.	-	1

### Other Publications: International / National Journals

- 1) K.Vidhyapraba, A.Sivasathya, V.Vimala **Some Properties of Quasi-Normal Operators**, International Journal of Scientific Research and Management, Volume 2, Issue 12, pp. 1811 - 1814, December 2014, ISSN No. 2321-3418.

## Presentations in Conference

- 1) **Supply Chain Inventory Control: A Comparisons among JIT, MRP, MRP with Information Sharing Using Simulation**, National Level Conference on Optimization Techniques and Decision Making Analysis, Dr. N.G.P. Arts and Science College, Coimbatore, 25-Sep-13.
- 2) **A Complete Algorithm to Solve the Graph Colouring Problem**, National Conference on Recent Trends in Graph Theory and its Application, Kongu Arts and Science College, 25-Jan-14.
- 3) **Algorithm for Finding Maximum Independent Set of a Graph**, National Conference on Emerging Trends in Pure and Applied Mathematics, Dr. N.G.P. Arts and Science College, Coimbatore, 14 & 15-Sep-15.
- 4) **Properties of N-Power Hyponormal and N-Power Quasi Normal Operators**, International conference on Fuzzy Queuing theory and its Applications, Bharathidasan College of Arts and Science, 3-Sep-16.
- 5) **Survey Research in Operations Management a Process Based Perspective**, National Level Seminar on Recent Trends in the Applications of Mathematics and Statistics, Maharaja Co-Education Arts and Science College, 23-Sep-16.

## Participation in Conference

### National

- 1) **Discrete Mathematics, Algebra and Applications**, Karpagam University, 22 & 23-Dec-09.
- 2) **Advances in Applied Mathematics**, Bharathiar University, 15-Mar-13.
- 3) **Mathematical Science and its Computational Aspects**, Dr. N.G.P. Arts and Science College, Coimbatore, 11 & 12-Aug-14.
- 4) **Emerging Education Models for 21<sup>st</sup> Century Learner**, Organized by the Association of Principals, Bharathiar University, Dr. N.G.P. Arts and Science College, Coimbatore, 1-Aug -15.

## Participation in Workshop

- 1) **Latex 2e**, Karpagam University, 5-Feb-11.
- 2) **Sequence & Series and Hands on Training in Latex**, Kathir College of Engineering, 5-Sept-13.

- 3) **Mathematical Softwares**, Dr. N.G.P. Arts and Science College, 9 to 11-Jan-14.
- 4) **Science Academies Lecture Workshop on Recent Trends in Functional Analysis**, PSGR Krishnammal College for Women, 2 to 4-Jan-14.

#### **Participation in Faculty Development Programme**

- 1) **R -Programming**, PSGR Krishnammal College for Women, 16-Feb-18.
- 2) **Quality Initiatives in Higher Education**, Dr. N.G.P. Arts and Science College, Coimbatore, 3 to 9-Dec-18.