

## CURRICULAM VITAE

**Name: Mrs. Pavithra. M**

**Designation: Guest Lecturer**

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### **EDUCATION:**

<b>Degree</b>	<b>Year Of Passing</b>	<b>Institution, Place</b>	<b>University</b>	<b>Specialization</b>
B.Sc	2006	SBRR Mahajana First Grade College, Mysore.	University of Mysore	PME
M.Sc	2009	DOS in Mathematics	University of Mysore	Mathematics
B.Ed	2010	Omkaamal Somani College of Education, Mysore	University of Mysore	(Physics, Mathematics)
M.Phil	2011	DOS in Mathematics, University of Mysore	University of Mysore	Mathematics
Qualified Karnataka State Eligibility Test (K-SET) for Lectureship/ Assistant Professor 2015	16/3/2016	University of Mysore (Accredited by UGC)	University of Mysore	Mathematical Science
Pursuing Ph.D	2017	DOS in Mathematics, University of Mysore	University of Mysore	“A study on certain topics in the theory of Graphs”

**FIELD OF RESEARCH: Graph Theory and its applications**

- Domination Theory
- Topological Indices

**TEACHING EXPERIENCE:- (08 Years)**

1. Worked at Karnataka State Open University (PG), Mysuru, From July 2014 till date 05 years.
2. Worked at Maharaja Institute of Technology (MIT), Mysuru, From August 2011 to June 2014 - 03 years.

**National and State Level Seminars, Conference, Workshop Attended**

1. Participated as a **delegate in the UGC Co-sponsored National Seminar on “Autonomy for Colleges: New Dimensions”** organised by SBRR Mahajana First Grade College, Mysore on 10<sup>th</sup> and 11<sup>th</sup> September 2004.
2. Participated in Two day National Conference on **“Recent Advances in Applied Mathematics”** Organised jointly by St. Philomena’s College and DOS in Mathematics, University Of Mysore, Mysuru. On 22<sup>nd</sup> and 23<sup>rd</sup> January 2015.
3. Participated in UGC Sponsored One Day **“National Conference on Mathematics and its Applications”** Organised by Department of Studies in Mathematics, Manasagangotri, Mysore on 21st February, 2015.
4. Participated in the Workshop on **“Accelerating Gross Enrolment Ratio In Education - Issues And Challenges”** held on May 14<sup>th</sup> 2015, jointly organised by Department of

Higher Education, Government of Karnataka and Karnataka State Open University, Mysuru.

5. Participated in “**103<sup>rd</sup> Indian Science Congress**” held at University of Mysore, Mysuru from January 3<sup>rd</sup> to 7<sup>th</sup> 2016.
6. Participated in Two Days National Workshop on “**Number Theory and Works Of Srinivasa Ramanujan**” Sponsored by IOE, University Of Mysore, Mysuru on February 26<sup>th</sup> and 27<sup>th</sup> 2016.
7. Participated in the UGC sponsored Two Day National Conference on “**Energy of Graphs (NCEG-2016)**” Organised by Department of Mathematics, Maharani’s Science College for Women, Mysuru. In association with DOS in Mathematics, University Of Mysore, Mysuru on 11<sup>th</sup> and 12<sup>th</sup> March 2016.
8. Participated in two days National Conference on Geometric function theory and its applications on 29<sup>th</sup> and 30<sup>th</sup> January 2018. Organized by: Department of Mathematics Yuvaraja’s college, Mysore.
9. Participated in two days National Conference on Graph Theory and Discrete Mathematics on 5<sup>th</sup> and 6<sup>th</sup> of February 2018. Sponsored by Department of Science and Technology (Science and Engineering Research Board (SERB)), Government of India. Organized by: Department of Mathematics, Mangalore University, Mangalagangothri, Mangalore.
10. Participated in one day workshop on “Graph Theory and Linear algebra” on 21<sup>st</sup> February 2018\_ Organized by the Department of Mathematics, Vidyavardhaka College of Engineering, Mysuru

### **Participation in Lecture series/Faculty development Programme and other events:**

1. Attended “Special Science Lecture Series” in Mathematics held during 5<sup>th</sup> to 7<sup>th</sup> March 2007.
2. Certificate (Faculty Development Programme- MIT).
3. Certificate of Appreciation (Suvama Manasa 2011, UOM).

### **Presented paper at National Conference:**

- Presented a paper with title ‘Miscellaneous Results for Pendant Domination of Graphs’, on One Day National Conference on 29<sup>th</sup> september 2018 at Bharathi College, Bharathinagar, Maddur Tq., Mandya District, October 2018.
- Presented a paper with title ‘Eccentric Harmonic Index for the Subdivision of Graphs’ on Three Day International Conference on Number Theory and Graph Theory (ICNG-2019). Department of Studies in Mathematics, Manasagangotri, Mysuru-570006, India.

### **Published Paper:**

- Eccentric Harmonic Index of a Graph, M. I. Sowaity , M. Pavithra, B. Sharada and A. M. Naji. Arab Journal of Basic and Applied Sciences, 26:1,497-501.

### **Paper Under Communication:**

- Eccentric Harmonic Index for the Subdivision of Graphs, M. Pavithra, M. I. Sowaity, B. Sharada and M. Naji.
- Miscellaneous Results for Pendant Domination of Graphs, M. Pavithra, B. Sharada, M.
- Eccentric Harmonic Index for the Cartesian Product of Graphs M. I. Sowaity , M. Pavithra , B. Sharada.

**Date: 16.11.2019**

**Place: Mysuru**

**(Pavithra M)**