Basic Details:

- **Name:**   Dr. Kavita Pradeep

- **Designation**:   Assistant Professor

- **PhoneNumber:**   9543799575

- **EmailID:**   kavitap@srmist.edu.in

- **Area or Subject:** Graph Theory

- **Affiliation:** SRM Institute of Science and Technology

Educational Details:

- **Degree, University, Awarded Year**

  - B.Sc – Dr HarisinghGaur Vishvavidhyalaya, Sagar, Madhya Pradesh -2004

  - M.Sc- Anna University, Chennai, Tamilnadu - 2008

  - M.Phil – Madras University, Chennai - 2009

  - Ph.D – Anna University, Chennai, Tamilnadu - 2020

Research Interests: Graph Theory, Discrete Mathematics

Publications:

1. **Kavita Pradeep**, **'Star Edge Coloring of Graphs with Mad (G) < 14/5'**, Turkish Journal of Mathematics, Vol. 45 (2021) pp. 54-65. [doi: 10.3906/mat-1911-80] [**SCOPUS**]
2. **Kavita Pradeep** & Vijayalakshmi, V, **'Star Edge Coloring of Subcubic Graphs'**, Applied Mathematics and Information Sciences, Vol. 13 (2019) pp. 279-284. [doi: 10.18576/amis/130216] [**SCOPUS**]
3. Samia Kerdjoudj, **Kavita Pradeep**, & Andre Raspaud, **'List Star Chromatic Index of Sparse Graphs'**, Discrete Mathematics Vol. 341 (2018) pp. 1835-1849. [doi: 10.1016/j.disc.2018.03.012] [**SCOPUS**]
4. **Kavita Pradeep**, Alagammai, R, & Vijayalakshmi, V, **'Star Edge Coloring of Graph Products'**, Indian Journal of Discrete Mathematics, Vol. 4, No.2 (2018) pp. 103-119.
5. **Kavita Pradeep** & Vijayalakshmi, V, **'Star Chromatic Index of Subcubic Graphs'**, Electronic Notes in Discrete Mathematics Vol. 53 (2016) pp.155-164. [doi: 10.1016/j.endm.2016.05.014] [**SCOPUS**]
6. **Kavita Pradeep** & Vijayalakshmi, V, **'Star Chromatic Index of Direct Product of Graphs'**, International Journal of Pure and Applied Mathematics, Vol. 109 No.9 (2016) pp.293-301.

Academic Experience: 6 years 11 months

Other Professional Experience: Nil

Other Details:

Achievements and Awards: Nil

Memberships:

a) Life Member - The Indian Mathematical Society, Pune. [Membership No. L2020/122]
b) Life Member - The Association of Mathematics Teachers of India, Chennai. [Membership No. L20011]
c) Life Member - The Indian Society of Industrial and Applied Mathematics, Amritsar. [Membership No. P71]
d) Member – Ramanujan Society of Mathematics and Mathematical Sciences, Jaunpur. [Membership No. RSMAMS/FIDEC-30/12-2020/86]
e) Life Member – Vijnana Parishad of India, Orai. [Membership No.316]
f) Life Member – The Indian Science Congress Association, Kolkata. [Membership No. L40672]
g) Life Member – Andhra Pradesh and Telangana Society for Mathematical Sciences, Hyderabad. [Membership No.1326]
h) Member of Allahabad Mathematical Society

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