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## Present Position

Teaching Fellow, Department of Mathematics, Madras Institute of Technology, Anna University, Chennai from August-2016.

## Previous Additional Responsibility

- > , , Anna University, Chennai.

## Other Employment

- > Research Scholar, Anna University, MIT Campus, Chennai for 7 years.

## Degree

- ❖ M.Sc. in MATHEMATICS , MIT CAMPUS CHENNAI , ANNA UNIVERSITY CHENNAI (2006 - 2008).
- ❖ B.Sc. in MATHEMATICS, PHYSICS, COMPUTER APPLICATION, Dr. RAI MEMORIAL COLLEGE, DAMOH, M.P., HARISINGHGOUR UNIVERSITY SAGAR M.P. (2001 - 2004).

## Research Degree

- ❖ M.phil. in GRAPH THEORY from Faculty of SCIENCE AND HUMANITIES, ETHIRAJ COLLEGE, MADRAS UNIVERSITY (2008 - 2009).  
Title: GRACEFUL LABELINGS.

## Area of Specialisation

- > GRAPH THEORY

## Research Guidance

## Papers Published in Journals

Research Papers Published in International Journals : 5  
Research Papers Published in National Journals : 0

1. Kavita Pradeep, Alagammai R & Vijayalakshmi V, " Star Edge Coloring of Graph Products", Lecture Notes in Computer Science. (accepted), published by Springer.
2. Kavita Pradeep & Vijayalakshmi V, " Star Chromatic Index of Subcubic Graphs", Electronic Notes in Discrete Mathematics, published by Elsevier Publishers. Vol. 53, pp. 155-164 (2016).
3. Kavita Pradeep & Vijayalakshmi V, " Star Chromatic Index of Direct Product of Graphs", International Journal of Pure and Applied Mathematics, published by Academic Publishers. Issue 9, pp. 293-301 (2016).
4. Samia Kerdjoudj, Kavita Pradeep, & Andre Raspaud, " List Star Chromatic Index of Sparse Graphs", Discrete Mathematics, published by Elsevier. Vol. 341, pp. 1835-1849 (2018).
5. Kavita Pradeep & Vijayalakshmi V, "Star Edge Coloring of Subcubic Graphs", Applied Mathematics and Information Sciences, published by Natural Science Publishers . Vol. 13, Issue 2, pp. 279-284 (2019).

## Papers Presented in Programmes

Research Papers Presented in International Programmes : 3  
Research Papers Presented in National Programmes : 1

1. Kavita Pradeep, Vijayalakshmi V, "Star Chromatic Index of Direct Product of Graphs" presented in a International level conference on International Conference on Mathematical Computer Engineering (ICMCE-2015) , organised by VIT UNIVERSITY CHENNAI, India from 14-Dec-2015 to 15-Dec-2015.
2. KAVITA PRADEEP, V VIJAYALAKSHMI, "STAR EDGE COLORING OF SUBCUBIC GRAPHS" presented in a International level conference on International Conference on Graph Theory and its Applications (ICGTA-2015) , organised by AMRITA INSTITUTE OF TECHNOLOGY, COIMBATTOR, India from 16-Dec-2015 to 19-Dec-2015.
3. Kavita Pradeep, Vijayalakshmi V, "Star Edge Coloring of Subcubic Graphs" presented in a National level conference on National Conference on Emerging Trends in Mathematics & Applications in Engineering and Technology (NCETMAET-2018) , organised by Hindustan Institute of Technology and Science, India from 22-Mar-2018 to 23-Mar-2018.
4. Kavita Pradeep, Allagammai R, Vijayalakshmi V, "Star Edge Coloring of Graph Products" presented in a International level conference on International Conference on Discrete Mathematics (ICDM-2018) , organised by Periyar University, India from 14-Jan-2019 to 17-Jan-2019.

## Programme Attended

1. Participated in a National level workshop on "National Workshop on Graph Colorings (NWGC-2013) " organized by Indian Statistical Institute, India from 25-Jan-2013 to 27-Jan-2013.

2. Attended a National level seminar on "National Seminar on Recent Developments Algebraic Graph Theory" organized by SSN Engineering College, Kalavakkam, Chennai, India from 05-Jul-2013 to 06-Jul-2013.
3. Participated in a International level conference on "Taiwan Conference on Discrete Mathematics (ITCDM-2015) " organized by Indian Institute of Technology, Madras & The Institute of Mathematical Sciences, Chennai, India from 10-Jul-2013 to 13-Jul-2013.
4. Participated in a International level conference on "International Conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM-2014) " organized by SSN Engineering College, Kalavakkam, India from 08-Dec-2014 to 10-Dec-2014.
5. Participated in a National level conference on "Eleventh Annual Conference of ADMA & Graph Theory Day –XI" organized by BS Abdur Rahman University, Chennai, India from 10-Jun-2015 to 12-Jun-2015.