Name: Dr. P. DEEPA

Designation: Assistant Professor

p.deepa@mcc.edu.in

ORCiD
0000-0002-1428-760X

Education

- B.Sc. – (Mathematics, Madurai Kamaraj University, 1999)
- M.Sc. – (Mathematics, Madurai Kamaraj University, 2001)
- M.Phil. – (Mathematics, Madurai Kamaraj University, 2003)
- Ph.D. – (Mathematics, Madurai Kamaraj University, 2016)

Highlights

Featured Publication

Positions

International Visits

Visiting Fellow

Prominent Recognitions

Dr. P. Deepa, has more than 13 years of teaching experience, including 4 years of research experience in the field of Graph Theory. She was awarded her Ph.D. thesis entitled "A Study of Generalization of Colorings in Graphs" under the guidance of Dr. P. Srinivasan, Professor, The American College, Madurai. At MCC she has handled Algebra, Trigonometry, Differential Equations and Laplace Transform, Statistics, Space Science, Allied Mathematics Papers (BCA, Physics), Real Analysis, Programming in 'C', Computer Integrated Statistical Methods and Optimization Techniques, Soft Skill for our under graduate students.

Publications:

- P. Deepa, P. Srinivasan and M. Sundarakannan, "Local edge coloring of Graphs" AKCE Int. Journal of Graphs and Combinatorics, 18 (2021) 29-32. (Web of Science and SCOPUS Indexed, Publisher: Taylor & Francies).

- P. Deepa, P. Srinivasan and M. Sundarakannan, "Local coloring for the Mycielskian of a Graph", Utilitas Mathematica 106(2018), 301-314. (Web of Science and SCOPUS Indexed).

- P. Deepa, P. Srinivasan and M. Sundarakannan, "Local coloring of Self Complementary Graphs", AKCE Int. Journal of Graphs and Combinatorics, 14 (2017) 35-41. (Web of Science and SCOPUS Indexed, Publisher: Elsevier).

C V Link

Internal Page with complete CV with following items

1. Name : Dr. P. Deepa
2. Education:

Degree	Name of the Institution	Year
B.Sc. Mathematics	Lady Doak College, Madurai Kamaraj University, Madurai	1996-1999

M.Sc. Mathematics	Lady Doak College, Madurai Kamaraj University, Madurai	1999-2001
M.Phil.	Madurai Kamaraj University, Madurai	2001-2003
Ph.D.	Madurai Kamaraj University, Madurai	2016

3. Publications

   a. P. Deepa, P. Srinivasan and M. Sundarakannan, "Local edge coloring of Graphs" AKCE Int. Journal of Graphs and Combinatorics, 18 (2021) 29-32. **(Web of Science and SCOPUS Indexed, Publisher: Taylor & Francies).**
   b. P. Deepa, P. Srinivasan and M. Sundarakannan, "Local coloring for the Mycielskian of a Graph", Utilitas Mathematica 106(2018), 301-314. **(Web of Science and SCOPUS Indexed).**
   c. P. Deepa, P. Srinivasan and M. Sundarakannan, "Local coloring of Self Complementary Graphs", AKCE Int. Journal of Graphs and Combinatorics, 14 (2017) 35-41. **(Web of Science and SCOPUS Indexed, Publisher: Elsevier).**
   d. P. Deepa and P. Srinivasan, "Note on local coloring of Circulant Graph", Jamal Academic Research Journal, 30-34, 2014.

4. Research Interests (Specialisations): Graph Theory and Optimization Techniques
5. Courses taught :

   Algebra, Trigonometry, Differential Equations and Laplace Transform, Statistics, Space Science, Allied Mathematics Papers (BCA, Physics), Real Analysis, Programming in 'C', Computer Integrated Statistical Methods and Optimization Techniques, Soft Skill.

6. Awards: NIL
7. Presentations:

   a. International conference on Theoretical Computer Science and Discrete Mathematics on Dec 03 - 05, 2018 held at SSN College of Engineering, Chennai.
   b. International conference on Theoretical Computer Science and Discrete Mathematics on Dec 08 - 10, 2014 held at SSN College of Engineering, Chennai.
   c. International conference on mathematical methods and computation on Feb 13-14, 2014 at Jamal Mohamed college, Tiruchirappalli.

8. Resource Persons: NIL
9. Administrative Positions: NIL