

FACULTY PROFILE TEMPLATE FOR WEBSITE

Basic Details:

- **Name:** Dr. M.Priyadharshini
- **Designation:** Assistant Professor
- **Phone Number:** 7395947647
- **Email Id:** priyadm3@srmist.edu.in
- **Area of Specialization:** Graph Theory
- **Affiliation:** SRM Institute of Science and Technology Ramapuram

Educational Details:

- **Degree** – Ph. D.
- **Area or Subject** – Graph Theory
- **University** – Madras university
- **Awarded Year** – November 2021
- **Degree** – M.Phil
- **Area or Subject** – Graph Theory
- **University** – Thiruvalluvar University
- **Awarded Year** –2012
- **Degree** – M.Sc. Mathematics
- **Area or Subject** – Mathematics
- **University** – University of Madras
- **Awarded Year** –2011
- **Degree** – B.Sc. Mathematics
- **Area or Subject** – Mathematics
- **University** – University of Madras
- **Awarded Year** –2009

Other Details:

Courses:

- **Engineering Mathematics**
- **Pure Mathematics**

Research Interests: Graph Theory

Selected Publications:

- P.Kandan, E.Chandrasekaran and M.Priyadharshini, The Revan Weighted Szeged Index of Graphs, Journal of Emerging Technologies and Innovative Research, Vol 5, (9) (2018), 358-366.
- P.Kandan, E.Chandrasekaran and M.Priyadharshini, Revan Weighted PI Index of Corona Product of Graphs, International Journal of Research and Analytical Reviews, 6(2)(2019), 792-799.
- M.Priyadharshini, P.Kandan and E.Chandrasekaran, Revan Weighted PI Index on Some Product of Graphs, TWMS J. App. Eng. Math. JAEM Vol 11, (2021), 203-215.
- M.Priyadharshini, P.Kandan and E.Chandrasekaran, Revan Weighted Szeged Index of some Graphs Operations, Journal of Xi'an University of Architecture and Technology, Vol 12, Issue 4, 2020, 5645-5653.
- M.Priyadharshini, P.Kandan and E.Chandrasekaran, "Revan Weighted Szeged Index of Hierarchical Product and Join of Graphs, Journal of Xi'an University of Architecture and Technology, Vol 12, Issue 5, 2020, 3355-3362.
- J.Senbagamalar, M.Priyadharshini, P.Rajesh, Hanaa Hachimi, Wiener and Zagreb Indices For Helm and Web Graph, Proceedings of 2nd International Conference on Mathematical Modeling and Computational Science on June 2022.

Papers Presented:

- International conference on Research Trends in Engineering, Applied Science & Management, Presented a paper on The Revan Weighted Szeged Index of Graphs, on 23rd September 2018, organized by Osmania University Hyderabad.
- An Inventory Model for simple way of profit finding with Fuzzy Sense, National Conference on NXTGEN Developments in Computer Science and Mathematics, Shree Chandraprabhu Jain College.
- National conference on Advances in Science, Humanities and Technology, Presented a paper on "Topological Indices on Detour Saturated Trees", on 11 and 12 July 2019, organized by Saveetha School of Engineering, Chennai.

Working Papers:

Structural and Spectral Characterization with Quantum Chemical Calculation on Octadecanoic acid, 17-oxo-, methyl ester (OA17OME) from Natural Plant of AegleMarmelos Leaves

Work in Progress:

Structural and Spectral Characterization with Quantum Chemical Calculation on Octadecanoic acid, 17-oxo-, methyl ester (OA17OME) from Natural Plant of AegleMarmelos Leaves

Academic Experience:

Assistant Professor, Sakthi Mariamman Engineering college, December 2012 – April 2014.

Assistant Professor, Dr.MGR Janaki college of Arts and Science for women, August 2014 – March 2018.

Other Professional Experience: Nil**Achievements: Nil****Workshops /Seminars/Conferences:**

- Short Term Training Program on Graph Theory and its Applications, SRM University, Kattankulathur.
- International Seminar on Applications of Statistical Methods in Research, Dr.MGR Janaki College of Arts and Science for Women.
- One week Teachers Enrichment Workshop on Algebra, Discrete Mathematics & Complex Analysis, The Institute of Mathematical Sciences, Chennai.
- One Day Workshop on UGC NET/SET (Mathematics), Kumararani Meena Muthiah College of Arts and Science, Adayar, Chennai.
- One Day National Workshop on Basics of MATLAB, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya Enathur, Kanchipuram, India.
- National level Workshop on “The Essentials of Latex”, held in Government Arts College, Chidambaram on 1st March 2019.

Achievements and Awards:Nil**Academic / Professional Membership:Nil**

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