Basic Details:

- **Name:** J. JENIFER STEFFI

- **Designation**: Asst. Prof - OG

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- **Area or Subject**: GRAPH PEBBLING

- **Affiliation:** Department of Mathematics, SRM Institute of Science and Technology, Ramapuram

Educational Details:

- **Degree** – MSc, MPhil, PhD

- **Area or Subject** – Mathematics

- **University**

   Ph. D. Mathematics – St. Xavier's College(Autonomous), Tirunelveli, Manonmaniam Sundaranar University.

   M.Phil. Mathematics – St. Xavier's College(Autonomous), Tirunelveli, Manonmaniam Sundaranar University.

   M.Sc. Mathematics - St. Xavier's College(Autonomous), Tirunelveli, Manonmaniam Sundaranar University.

   B.Sc. Mathematics – St. Xavier's College(Autonomous), Tirunelveli, Manonmaniam Sundaranar University.

Other Details:

Courses:

- **Calculus and Linear Algebra**

Research Interests: Graph Theory, Graph pebbling

Publications: 9

- A.Lourdusamy, and J. Jenifer Steffi , "*The 2t pebbling property on the zig-zag chain graph of n odd cycles*" International Journal of Pure and Applied Mathematics, Vol. 117, No 14, 2017, pp: 208-219 (SCOPUS INDEX).

- A.Lourdusamy, and J. Jenifer Steffi, " *Pebbling on zig-zag chain graph of n odd cycles*" Proyecciones,

Vol. 38, No 3, 2019, pp: 597 - 615. (SCOPUS INDEX).

- A.Lourdusamy, and J. Jenifer Steffi , "*Lourdusamy's Conjecture on ZZn(C_2k)*G*" AIP Conference Proceedings, Vol 114, No 4, Apr, 2020. (SCOPUS INDEX).

- A.Lourdusamy, and J. Jenifer Steffi, "*Pebbling on middle graph of complete binary tree Journal of Applied Mathematics and Informatics*", Vol 125, No 1, 2019 (SCOPUS INDEX).

- A.Lourdusamy, and J. Jenifer Steffi, "*Covering Cover Rubbling Studies in Indian Places Names*", Vol 23, No 2, 2020. (UGC Care listed).

- A.Lourdusamy, and J. Jenifer Steffi, "*Graham's conjecture on ZZ_n(C_2k)*G*" Scientia Acta Xaveriana, Vol 10, No. 1, 2018, pp: 01-08.

- A.Lourdusamy, and J. Jenifer Steffi, "*Herscovici's Conjecture on ZZ_n(C_2k)*G*", Scientia Acta Xaveriana, Vol 10, No. 1, 2019, pp: 27-38.

- A.Lourdusamy, and J. Jenifer Steffi, "*The pebbling number of zig-zag chain graph of even cycles*", Scientia Acta Xaveriana, Vol 10, No. 1, 2017, pp: 49-68.

- A.Lourdusamy, and J. Jenifer Steffi , "*t- pebbling on zig-zag chain graph of even cycles*", Scientia Acta Xaveriana, Vol 10, No. 1, 2017, pp: 88-100.

Papers Presented in international/national conferences: 7

- International conference on Advances in Applicable Mathematics (UGC SAP Sponsered) Bharathiyar University, Coimbatore. "Lourdusamy's Conjecture on Graph pebbling" Date : 21&22 Feb, 2020.

- International conference on Advances in Applicable Mathematics. Bharathiyar University, Coimbatore. " The 2t- pebbling Property on the zig-zag chain graphs" Date : 07&08 Dec, 2017.

- International Conference on Computing Sciences (LIMCOS) Loyola College, Chennai "Herscovici's Conjecture on Graph pebbling" Date : 16&17Nov, 2018.

- National Conference on " Algebra and Graph Theory" St. Xavier's College (Autonomous), Tirunelveli. " Lourdusamy's Conjecture on Graph pebbling" Date : 15&16 Feb, 2018.

- International conference on Applications of Mathematics St. Mary's College (Autonomous), Tuticorin. " Graham's conjecture on graph pebbling" Date : 11 Jan, 2018.

- Progress in Mathematics towards Industrial Application. SRM Institute of Science and Technology, Chennai. " Pebbling on Criss-Cross Sequence of Complete Graphs" Date : 29&30 Oct, 2021.

- Progress in Mathematics towards Industrial Application. SRM Institute of Science and Technology, Chennai. " Pebbling on Zero-divisor Graphs" Date : 29&30 Oct, 2021.

Working Papers: ONE

Work in Progress: ONE

Academic Experience: NIL

Seminars, Webinars, Workshops and Conferences Attended :

- Empowering Girl Children to ensure Gender Equality" as part of National Girl Child Day 2022, organized by the Department of Mathematics, SRMIST, Ramapuram, Chennai (2021)
- Expert talk on " Mental Health For All" as part of World Mental Health Day, organized by the Department of Mathematics, SRMIST, Ramapuram(2021)
- International virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA-2021)
- International conference on Advances in Applicable Mathematics (UGC SAP Sponsered) Bharathiyar University, Coimbatore.
- International conference on Advances in Applicable Mathematics. Bharathiyar University, Coimbatore.
- International Conference on Computing Sciences (LIMCOS) Loyola College, Chennai
- National Conference on " Algebra and Graph Theory" St. Xavier's College (Autonomous), Tirunelveli.
- International conference on Applications of Mathematics St. Mary's College (Autonomous), Tuticorin

Achievements and Awards: NIL

Membership:

- Member in Institute of Mathematical Statistics (IMS)
- Member in Asia Society of Researchers (ASR).
- Editor in American Journal of Mathematical and Computer Modelling, NY, USA. ISSN : 2578-8280.
- Editor in International Journal of Applied Mathematics and Theoretical Physics. ISSN : 2578-8272
- Editor in Blue Eyes Intelligence and Science Publication Pvt. Ltd
- Editor in Latice Science Publication.
- Editor in International Journal of advanced Scientific Research.

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