

Basic Details:

- **Name:** Dr. A. Jeslet Kani Bala
- **Designation:** Assistant Professor (OG)
- **Phone Number:** 9489302354
- **Email ID:** jesletka@srmist.edu.in
- **Area or Subject:** Mathematics
- **Affiliation:** Department of Mathematics, SRM Institute of Science and Technology, Ramapuram.

Educational Details:

- **Degree** – M. Sc., M. Phil, B.Ed., Ph. D.
- **Area or Subject** – Mathematics
- **University**

Ph. D. Mathematics – 2022, Thiruvalluvar University, Vellore, Tamil Nadu.

M.Phil – 2004, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu.

M.Sc. Mathematics – 2003, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu.

B.Sc. Mathematics – 2001, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu.0

Research Interests: Graph Theory

Publications:

- G. Rajasekar and A. Jeslet Kani Bala, k-Isolate domination number of simple graphs, Malaya Journal of Matematik S(1)(2019), 1, pp.113-115.
- G. Rajasekar and A. Jeslet Kani Bala, k-Isolate domination number of graphs inherited from cycle graph, The International Journal of Analytical and Experimental Modal Analysis 11(10)(2019), pp.213-218.
- G. Rajasekar and A. Jeslet Kani Bala and K. Nagarajan, k-Isolate domination number of Join and Product graphs, Advances and Applications in Discrete Mathematics 25(2020), No.2, 121-127, ISSN:0974-1658.
- G. Rajasekar and A. Jeslet Kani Bala, k-Isolate domination number of Splitting graph of Simple graph, Int. J. Math. And Appl. 9(2)(2021), pp.1316.
- G. Rajasekar and A. Jeslet Kani Bala, k-Isolate domination number of Total graphs, Internation Journal of Emerging Technologies and Innovative Research (JETIR), 8(3)(2021), pp.1726-1732

Papers Presented in international/national conferences:

- Presented a Paper entitled “k-Isolate domination number of simple graphs” at the National Conference on recent research development in pure and applied mathematics (NCRDPAM-2019), organized by Government Arts College (Autonomous), Karur
- Presented a Paper entitled “k-Isolate domination number of graphs inherited from cycle graph” at the International Conference on Computational and Applicable Mathematics (ICCAM-2019), organized by The Quaide Milleth College for Men, Medavakkam

Work in Progress:

- k-Isolate domination number of Splitting graph of Wheel and Star graph.

Academic Experience:

- Worked as a Assistant Professor in Jawahar Science College, Neyveli, from July 2011 to March 2020.
- Worked as a Lecturer in Rose Mary College of Arts and Science, Tirunelveli, from June 2006 to February 2007.
- Worked as a Lecturer in Rose Mary College of Arts and Science, Tirunelveli, from June 2004 to April 30.

Seminars, Webinars, Workshops and Conferences Attended

- Attended a conference on TWO DAY NATIONAL SEMINAR ON SOME RECENT RESEARCH DIRECTIONS IN GRAPH THEORY conducted by Ayya Nadar Janaki Ammal College on 9th and 10th March 2017.
- Attended a National Conference on “Recent Research Development in Pure and Applied Mathematics” conducted by Government Arts College (Autonomous), Karur on 21st and 22nd February 2019.

Membership: Nil**Please send in your latest **PASSPORT SIZE** photograph.**