RESEARCH ARTICLES:

2001:

- **Jasintha Quadras,** "Dynamic NC Algorithm for Embedding of a Cycle on Trees", *Proceedings of Seminar on Applications of Mathematics and Statistics*, Madurai Kamaraj University, India, 203–215, 2001.

2002:

- Indra Rajasingh, Albert William, **Jasintha Quadras,** Paul Manuel, "Embedding of Cycles into Arbitrary Trees", *Proceedings of the 2002 International Arab Conference on Information Technology* [ACIT 2002], Doha, 984–991, 2002.

2003:

- Albert William, Indra Rajasingh, **Jasintha Quadras**, Paul Manuel, "Embedding of Generalized Wheels into Arbitrary trees" (Extended Abstract), *Electronic Notes in Discrete Mathematics*, Vol. 15, 230–233, 2003.

2010:

- Paul M., Indra R., **Jasintha Q**., Bharati R., "Congestion-Sum Problem of Petersen Graphs into Complete Binary Trees", *Journal of Combinatorics, Information & System Sciences,* Vol. 35, no. 3-4, 2010.

2011:

- Little Joice M., **Jasintha Quadras**, Sarah Surya S., Shantha Kumari A., "PI Index of Mesh Structured Chemicals", *Proceedings of ICIEIS 2011*, *Lecture Notes in Computer Science, Springer-Verlag*, CCIS 253, no. 3, 400–409, 2011.

- **Jasintha Quadras**, Vasanthika S., "Biclique Cover of Complete Graphs and Honeycomb Networks", *Proceedings of ICIEIS 2011, Lecture Notes in Computer Science, Springer-Verlag*, CCIS 252, 151-158, 2011.

2013:

- **Jasintha Quadras**, Sarah Surya S., "Linear Wirelength of Circulant Networks", *International Journal of Pure and Applied Mathematics,* Vol. 86, no. 6, 883–891, 2013.

- **Jasintha Quadras**, Sajiya Merlin Mahizl A.,"Total Bondage Number of Certain Graphs", *International Journal of Pure and Applied Mathematics*, Vol. 87 no. 6, 863-870, 2013

2014:

- **J Quadras**, M. Arockiaraj, I. Rajasingh, A.J. Shalini, "Wirelength of Circulant Network into Nanostar Dendrimer", *Journal of Computational and Theoretical Nanoscience*, Vol. 11, no. 5, 1223-1229, 2014.
- M. Arockiaraj, **J.Quadras**, I. Rajasingh, A.J. Shalini, "Embedding of Hypercubes into Sibling Trees", *Discrete Applied Mathematics*, Vol. 169, 9-14, 2014.
- **Jasintha Quadras** and S.Sarah Surya, "Embedding of Petersen Graph into Certain Trees" *Journal of Computer and Mathematical Sciences*, Vol. 5, no. 6, 482-489, 2014.

2015:

- **Jasintha Quadras**, Indra Rajasingh, Sarah Surya S, "Embedding of Hypercubes into Banana Trees", *Journal of Combinatorial Mathematics and Combinatorial Computing*, Vol. 92, 147 – 157, 2015.

- **Jasintha Quadras** and Vasanthika S, "Chromatic Layout Number of Paths and Cycles", *Journal of Combinatorial Mathematics and Combinatorial Computing*, Vol. 92, 167-174, 2015.

- **Jasintha Quadras**, Indra Rajasingh, A. Sajiya Merlin Mahizl, R. Sundara Rajan, "Domination in Certain Chemical Graphs", *Journal of Mathematical Chemistry*, Vol. 53, no. 1, 207 – 219, 2015.
- **Jasintha Quadras**, Indra Rajasingh, A. Sajiya Merlin Mahizl, "Total Bondage Number of Grid-Based Pyramid Networks", *International Journal of Pure and Applied Mathematics,* Vol. 101, no. 6, 985-991, 2015.
- **Jasintha Quadras**, A.Sajiya Merlin Mahizl, "Domination Parameters in Coronene Torus Network", *Mathematics in Computer Science*, Vol. 9, no. 2, 169–175, 2015.
- **Jasintha Quadras**, S.Sarah Surya, "Embedding of Folded Hypercubes into Torus", *Mathematics in Computer Science*, Vol. 9, 177 – 183, 2015.

- M. Arockiaraj, **J. Quadras**, I. Rajasingh, A.J. Shalini, "Embedding Hypercubes and Folded Hypercubes onto Cartesian Product of Certain Trees", *Discrete Optimization*, Vol. 17, 1-13, 2015.
- I. Rajasingh, M. Arockiaraj, **J. Quadras**, A.J. Shalini, Linear Layout of Directed Grid Graph, *Mathematics in Computer Science*, Vol. 9, no. 2, 221-227, 2015

2016:

- **Jasintha Quadras**, Krishnan Balasubramanian, K. Arputha Christy, "Analytical Expressions for Wiener Indices of *n*-Circumscribed Peri-condensed Benzenoid Graphs", *Journal of Mathematical Chemistry*, Vol. 54, 823-843, 2016.

- **Jasintha Quadras**, Krishnan Balasubramanian, K. Arputha Christy, A. Nelson, A. Sajiya Merlin Mahizl, "Szeged Indices of *n*- circumscribed peri condensed benzenoid graphs", *Journal of Computer and Mathematical Sciences*, Vol. 7, no. 8, 434-448, 2016.

- **Jasintha Quadras**, K. Arputha Christy, A. Nelson, "Edge-Wiener Indices of n-circumscribed Peri-condensed Benzenoid Graphs", *International Journal of Mathematics And its Applications*, Vol. 4, Issue 4, 117-123, 2016.

- **Jasintha Quadras**, K. Arputha Christy, A. Nelson, "Wiener, Szeged Indices of Hexabenzocoronene", *International Journal of Pure and Applied Mathematics*, Vol. 109, no. 8, 91-98, 2016.

2017:

- **Jasintha Quadras** and S. Sarah Surya, "Wirelength of Circulant Networks into Wheel Related Graphs", *Annals of Pure and Applied Mathematics*, Vol. 14, no. 1, 69-75, 2017.

- **Jasintha Quadras** , K. Arputha Christy , A. Nelson and S. Sarah Surya, "Average Distance of Certain Graphs", *International Journal of Mathematics And its Applications*, Volume 5, Issue 1–C, 373–381, 2017.

- M. Arockiaraj, J. Abraham, **J. Quadras**, A. J. Shalini, "Linear Layout of Locally Twisted Cubes", *International Journal of Computer Mathematics*, Vol. 94, no. 1, 56-65, 2017.