



# Dr. Sridhara K R

Assistant Professor

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## Experience (Teaching and Industry)

1. A.P.S College of Engineering (Nov 1998 – January 2025)
2. RNSIT (February 2025 – till date)

## Qualifications:

- B.Sc. – A.P.S College of Arts and Science (1996)
- M.Sc. – Central College, Bangalore University (1998)
- M.Phil. – Madurai Kamaraj University (2006)
- Ph.D. – Visveswaraya Technological University (2023)

## Specialization (Academics)

M.Sc. – Theory of Riemannian Manifolds & Atmospheric Science

**Specialization (Research):** Graph Theory

## Research Articles published:

1. Transitive Domination Polynomial of Graphs – Studies in Indian Place Names, ISSN:2394-3114, Volume 40, Issue-70, March 2020 pp 440-447.
2. “Vertex Polynomial of Middle, Line and Total Graphs of Some Standard Graphs” – International Journal of Management and Humanities (IJMH), ISSN: 2394-0913(Peer Reviewed Journal), Volume-4, Issue-8, April 2020.pp 86 -89. [DOI: 10.35940/ijmh.H0794.044820](https://doi.org/10.35940/ijmh.H0794.044820)
3. “An Atlas of Accurate Domination Polynomials of Connected Graphs of order at most 6” – Neuroquantology, November 2022, eISSN:1303-5150, Volume 20, Issue 16, pp 902-909.
4. “The  $(a, b)$  – Status Indices of Central Graphs of Some Standard Graphs,” International Journal of Basic Sciences and Applied Computing, ISSN – 2394 -367X (Online), Vol. 8, no. 8. Blue Eyes Intelligence Engineering and Sciences Publications - BEISEP, pp. 12 – 17. April 30, 2022. [DOI: 10.14704/NQ.2022.20.16.NQ88089](https://doi.org/10.14704/NQ.2022.20.16.NQ88089)
5. “Accurate and Connected Accurate Domination Polynomials of Graphs,” - Annals of Pure and Applied Mathematics, ISSN – 2279-087X (P), 2279 – 0888 (Online), Vol 25, No. 2, 2022, pp 67-75, published on 25th April 2022. [DOI: http://dx.doi.org/10.22457/apam](http://dx.doi.org/10.22457/apam).