

## Faculty Profile Details



Name	Dr. K Manjula
Designation	Professor
Qualification	M.Sc., Ph.D.
Experience	30 Years
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### Area of Interest:

- Graph Theory
- Combinatorics
- Probability.
- Operation Research

No. of Ph.D. Awardees: 02

No. of Research Scholars pursuing Ph.D.: 03

### Membership of Professional Societies:

- Indian Society for Technical Education(ISTE)
- Academy of Discrete Mathematics and Applications (ADMA)
- Ramanujan Mathematical Society(RMS)

### Publications:

No of Publications:12

### International Journals:

- “Domination in Double Vertex Graphs” *J. of Informatics and Mathematical Sciences*, Vol. 11, No.3, pp (1 – 5)2019.
- “Cordiality of Transformation Graphs of Path”, *Int. J. Math. And Appl.*, 7(3) (2019), 11-21.

- “On Independence Number of Double Vertex Graphs”, *J. of Computer and Mathematical Sciences*, Vol.9 (12) December 2018.
- “Cordiality of Transformation Graphs of cycles”, *International J. of Mathematics Research*. Vol.6 No.2 (2016) pp. 113 – 125.
- “Clique Partition of Transformation Graphs”, *International J. of Mathematical Combinatorics* Vol. 1 (2016), 91 – 96.
- “Outer Sum Labeling of a Graph”, *Int. J of Comb. Graph theory and Appl.* Vol.4, No.1 (Jan-June2011), pp.37-60
- “Radio Number of cube of a path”, *International Journal of Mathematical Combinatorics* Vol.1 April 2010, 05-29.
- “The Super line graph of Index 3”, *IJCSM*, Vol. 2 Number 1-2(2010), pp 53-65
- “The Transformation Graph  $G_{xyz}$  when  $xyz = ++-$ ”, *International J. of Mathematical Sciences & Engg. Applications* Vol.3, No.I(2009),249-259.

#### National Journals:

- “Clique Covering of the Transformation Graph” *Indian Journal of Pure and Applied Mathematics*. July 2018.
- “Restricted Super Line Graphs”, *Far East J Appl. Math.* 24(1) (2006), 23-37.
- “Some results on H-line graphs”, *Indian Journal of Pure & Applied Mathematics*, Vol.34/9 Sept 2003,1307-1314.
- "On Double Vertex Graph" published In *Compliance Engineering Journal* Vol. 12 Issue 7, 2021