



Name : Dr. K. Lal Gipson
Gender : Male
Designation : Assistant Professor
Department : Mathematics
Date of Birth : 25-05-1972
Date of Appointment : 14.09.2020
Mobile Number :9487422284
Email :lalgipson@yahoo.com
Qualification : M.Sc, M.Phil.,Ph.D
Teaching Experience :4 yrs 2 Months
Approved Guide by : Manonmaniam Sundaranar University

Publications :

1. Dominating Sets and Dominating Polynomials of Square of Path
2. Dominating Sets and Dominating Polynomials of Square of Cycle
3. Dominating Sets and Dominating Polynomials of Square of Ladder.
4. Dominating Sets of Square of Centipedes.
5. Studies on Secure Dominating sets and Secure Domination polynomials of Graphs
6. Studies on Eccentric Dominating sets and Eccentric Domination polynomials of Graphs
7. Studies on Interior Dominating sets and Interior Domination polynomials of Power Graphs
8. Studies on Eccentric Dominating sets and Eccentric Domination polynomials of Graphs
9. Fibonacci Cordial Labeling of Some Special Graphs
10. Interior Dominating sets and Interior Domination Polynomials of Paths
11. Interior Dominating sets and Interior Domination Polynomials of Cycles C_{n+3}

12. Interior Dominating sets and Interior Domination Polynomials of Centipedes
13. Secure Dominating sets and Secure Domination Polynomials of Cycles
14. Secure Dominating sets of Wheels
15. Secure Dominating sets and Secure Domination Polynomials of Centipedes
16. 2-Edge Dominating Sets and 2-Edge Domination Polynomials of Stars (S_n)
17. 2-Edge Dominating Sets and 2-Edge Domination Polynomials of Coconut Tree $CT(3,n)$
18. 2-Edge Dominating Sets and 2-Edge Domination Polynomials of Lollipop ($L_{3,m}$)
19. Eccentric Domination Decomposition of Graphs
20. Eccentric Domination Path Decomposition of Dumbbell Graph
21. Eccentric Domination Path Decomposition Polynomial of Path and Cycle
22. Eccentric Dom- Chromatic Number of Graphs

Books Authored/ Edited/ Chapters Contributed:

Seminar Organised:

1. Nesamony Memorial Christian College, Marthandam
2. National seminar on Applied Mathematics, Scott Christian College (Autonomous), Nagercoil

Project Details:

Research Supervision :

❖ **Number of Ph.D Scholars**

- a) **Completed:4**
- b) **Ongoing :4**

Awards :

Served as a Research Advisory Committee Member:(Outside)

Served As Resource Person:

Membership In Academic Bodies

1. Fater Academy Of India