

PROFILE



Name **DR. G. KALAIMURUGAN**

Address Assistant Professor
Department of Mathematics
Thiruvalluvar University
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Date of birth June 2, 1980

Sex Male

Academic Qualifications

Ph.D (Mathematics)	Manonmaniam Sundaranar University	2012
M.Sc. (Mathematics)	Anna University	2003 First class

Employment Details

April 26, 2013 to till date	Assistant Professor, Department of Mathematics, Thiruvalluvar University, Vellore-632115.
Nov. 5, 2012 to April 25, 2013	Assistant Professor, School of Advanced Sciences (SAS) VIT University, Vellore - 632 014.
July 16, 2012 to Nov. 4, 2012	Assistant Professor [Junior], School of Advanced Sciences(SAS) VIT University, Vellore - 632 014.
July 1, 2005 to Nov. 5, 2009	Lecturer, Department of Mathematics, Adhiparasakthi Engineering College, Melmaruvathur- 603 319.

Title of Research Dissertations

Ph.D Dissertation	A Study on Domination in Cayley graphs
M.Sc Dissertation	Effect of atmospheric drag on polar low earth orbit micro satellites

Research Placement

Basic Science Research Fellowship (University Grants Commission): Nov. 2009 to June 2012.

Research Interests

Algebra, Graph Theory and Algebraic Graph theory.

Research Publications (International)

1. **Kalaimurugan, G.**, Edge-Odd Gracefull Labeling on Circulant graphs, *Journal of Computer and Mathematical Sciences*, 6(3) (2015), 155-158.
2. **Kalaimurugan, G.**, and Jayakumar, R., Signed edge domination in circulant graphs, *International Journal of Applied Engineering Research*, 10(3) (2015), 7569-7573.
3. T Tamizh Chelvam, T., Mohammed Rilwan, N., and **Kalaimurugan, G.**, : Antimagic and magic labeling in Cayley digraphs, *Australasian Journal of Combinatorics*, 55(2013), 65-71 (www.ajc.maths.uq.edu.au).
4. Tamizh Chelvam, T., **Kalaimurugan, G.**, and Well Y. Chou.,: Signed star domination number of Cayley graphs, *Discrete Mathematics, Algorithms and Applications*, 4(2)(2012), 1250017[10pages](DOI: 10.1142/S1793830912500176).
5. Tamizh Chelvam, T., **Kalaimurugan, G.**, Bounds for Domination Parameters in Cayley graphs on Dihedral Group, *Open Journal of Discrete Mathematics*, 2(1) (2012), 5-10.

Research guidance - **M.Phil Awarded 4**

Membership in Professional Bodies

Life Member of the Indian Society for Technical Education

Life Member of Association of Discrete Mathematics and its Applications (ADMA)

Membership in other Academic Bodies

Member of the Board of Studies in PG (CBCS) Mathematics of Thiruvalluvar University, Jan. 2014 to till date.

Number of Conference Attended (National and International): 12

Number of Invited /Special Lecture delivered: 1

Summer Schools and Orientation Courses attended: 3

Courses Taught

Algebra, Graph Theory, Differential Geometry, Difference Equations for PG Mathematics and Mathematics Papers for B.E, B.Tech, M.E, M.Tech.