BIO-DATA

PERSONAL PROFILE:

- ✿ Name: T. Kalaiselvi
- ✿ Date of Birth: 23/03/1991
- ✿ Spouse's Name: R. Hariraj
- ✿ Father's Name: P. Thangam
- ✿ Nationality: Indian
- ✿ Religion: Hindu
- ✿ Community: Nadar
- ✿ Marital Status: Married
- ✿ Blood Group: A1 Positive
- ✿ Aadhar Number: 971771971032
- ✿ PAN Number: ESJPK6040M
- ✿ E mail id: kalaiselvit23@gmail.com
- ✿ Permanent Address: : Door No. 23/O/B, N.K.R. Periyannan Street, Kaliappa Nagar, Sivakasi, Virudhunagar-626123.
- ✿ Contact Number: 8220935400, 8220934542.

EDUCATION:

- ✿ **Ph. D. – Registered on September 2020; Completed : Yet to be completed**

  Institution / University: Kalasalingam Academy of Research and Education University

  Area: Graph Theory

- ✿ **M. Phil. –2015 - April**

  Institution / University: - Ayya Nadar Janaki Ammal College - Madurai Kamaraj University

- ✿ **M. Sc. - 2014 - April**

  Institution / University: - Ayya Nadar Janaki Ammal College - Madurai Kamaraj University

  B. Sc. - 2012 - April

  Institution / University: Ayya Nadar Janaki Ammal College - Madurai Kamaraj University

- ✿ **10th - 2007- June**

  Institution: S. H. N. Girls Higher Secondary School, Sivakasi.

- ✿ **12th - 2009 - June**

  Institution: S. H. N. Girls Higher Secondary School, Sivakasi.

PROFESSIONAL: Teaching Experience

- ➢ **Assistant Professor (From 20.05.2015-03.11.2017)**

  Sri Krishnasamy Arts and Science College, Mettamalai, Sattur.

- ➢ **Assistant Professor (From 01.12.2018-24.04.2019)**

  Sri Krishnasamy Arts and Science College, Mettamalai, Sattur.

- ➢ **Assistant Professor (From 25.06.2019-03.02.2020)**

  V. V. Vanniaperumal College for women, Virudhunagar.

RESEARCH AREAS:

* GRAPH THEORY

RESEARCH & TEACHING EXPERIENCES:

* Teaching Experience: 3 Years - 7 Months

Conferences Attended

1) Participated in the National Level webinar on "RECENT TRENDS IN APPLIED MATHEMATCS", Universal Engineering College, Vallivattom, Thrissur, Kerala, June 2021.
2) Participated in the International Conference on Advanced Mathematical Modeling and Computational Techniques, AMET University, Chennai 603112, June 28-30, 2021.
3) Presented a paper on "Half Certified Captive Domination number of graphs" at the 2nd International conference on Nonlinear Applied Analysis & Optimization and NMD 2022, IIT(BHU), Varanasi, Dec 19-22, 2022.
4) Presented a paper on "Dominating Sets in Protein-Protein Interaction Networks" at the Joint 3rd International Conference on Bioinformatics and Data Science (ICBDS) & 9th International Conference on Public Mental Health and Neurosciences (ICPMN), Padmashree Group of Institutions and MGM Institute of Biosciences and Technology, December 22-23, 2022.

SCIENTIFIC PUBLICATIONS & SCIENTIFIC PRESENTATIONS:

* Total Number of Papers published Journals : 4
* Papers presented in international / national conferences/seminars : 2

REPRESENTATIVE PUBLICATIONS:

1) T. Kalaiselvi,Yegnanarayanan Venkatraman, "ON SIX PLATONIC GRAPHS,"
   Journal of Tianjin University Science and Technology vol. 55, 2022.
2) Yegnanarayanan Venkatraman, T. Kalaiselvi, Jeyaraj Jane Rubel Angelina, Valentina E.Balas"A New concept on Domination Number of Graphs, Part I," was accepted in SOFA 2022 will be published by Springer, Advances in Intelligent Systems and Computing a SCOPUS indexed journal.
3) Yegnanarayanan Venkatraman, T. Kalaiselvi, Dana Rad, Valentina E.Balas"A New concept on Domination Number of Graphs, Part II," was accepted in SOFA 2022 will be published by Springer, Advances in Intelligent Systems and Computing a SCOPUS indexed journal.
4) Yegnanarayanan Venkatraman, T. Kalaiselvi, Jeyaraj Jane Rubel Angelina and Subhashini Sottallu Janakiram "Dominating sets in Protein-Protein Interaction Networks " published by Advances in

Health Science Research a SCOPUS indexed journal.

5) T. Kalaiselvi, Yegnanarayanan Venkatraman "On Half Certified Captive Domination number of graphs " was accepted in ICNAAO-2022 & NMD-2022(IIT Varanasi) will be published by the Journal of Analysis: Special Issue: Nonlinear Analysis and Optimization a SCOPUS indexed journal.

6) T. Kalaiselvi, Yegnanarayanan Venkatraman " Computation of Various Domination Numbers of a Family of 3-regular Graphs " was accepted for both presentation and publication at the conference proceedings in International Conference on Mathematics and Computing will be held on Kalasalingam Academy of Research and Education Jan 2024.

7) T. Kalaiselvi, Yegnanarayanan Venkatraman "On Various Domination Numbers of Several Classes of simple graphs" was submitted in the Collectanea Mathematica an SCI indexed journal.