

Dr.S.Karthikeyan M.Sc., M.Phil., Ph.D

Associate Professor and Controller of Examinations

Velammal College of Engineering and Technology (Autonomous), Madurai

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Educational Qualification:

Degree or Diploma	Name of Institution	University	Year of Passing
Ph.D	_____	Madurai Kamaraj University Madurai	2002
M.Phil.,	ANJA College Sivakasi	Madurai Kamaraj University, Madurai	1996
M.Sc., (Maths)	Madura College, Madurai	Madurai Kamaraj University, Madurai	1995
B.Sc., (Maths)	APSA College Thiruppathur	Madurai Kamaraj University, Madurai	1993

Experience in Years:

Institution	Designation	No.of Years	Period	
			From	To
Velammal College of Engineering and Technology, Madurai	Associate Professor	18 years	01.06.2007	Till Date
Anjalai Ammal Mahalingam Engineering College Kovilvenni	Lecturer	8 Years 8 months	01.09.1998	31.05.2007

Interested Research Areas: Functional Analysis**Scholarships and Awards received: Nil****Funded Research Projects:**

Funding Agency: DST

Title:Mathematics Popularization and Communication – ME3 Series

Sanctioned Amount: Rs. 3,18,000

Year: 2017 - 2019

Principal Investigator(PI): Dr.S.Velammal

Co-PI: Dr.S.Karthikeyan

Patent rights received: Nil

Publications Details:

1. N.Chennappan & S Karthikeyan Paranormal composition operators Indian J. pure appl. Math 31 (6), 591-600
2. Mrs.A.Maheswari, S.Karthikeyan, M.Palanivelrajan “Characterization of level sets of Intuitionistic L-Fuzzy Semi Filter of Lattices”, Notes on Intuitionistic Fuzzy Sets, Vol.18, No.2, 2012.
3. Mrs.A.Maheswari, S.Karthikeyan, M.Palanivelrajan, Properties of (α, β) cut sets of Intuitionistic L-Fuzzy Semi Ideal of Lattices”, SSRG International Journal of Mathematics Trends and Technology, Special Issue, April 2014.
4. Mrs.A.Maheswari, S.Karthikeyan, M.Palanivelrajan, Some Operations on Intuitionistic L-Fuzzy Semi Filter of Lattices”, Antarctica Journal of Mathematics, Vol11, No.1, 2014.
5. Mrs.A.Maheswari, S.Karthikeyan, M.Palanivelrajan, “Model Operators on Intuitionistic L-Fuzzy Semi Filter”, International Research Journal of Engineering. & Technology, Vol.02, Issue 08, Nov.2015
6. Mrs.A.Maheswari, S.Karthikeyan, M.Palanivelrajan, “Properties of (α, β) cut sets of Intuitionistic L-Fuzzy Semi Filter of Lattices”, Global Journal of Pure and Applied Mathematics, Vol.12, No.4 pg:49-52, 2016.
7. Mrs.A.Maheswari, S.Karthikeyan, M.Palanivelrajan, Shanmugalatha.A, “PSO Based Intuitionistic Fuzzy Optimization”, International Journal of Mathematical Archive, Special Issue, January 2018.
8. Mrs.A.Maheswari, S.Karthikeyan, M.Palanivelrajan, “PSO & GA Based Intuitionistic Fuzzy Optimization”, Journal Electrical Engineering, Vol.20, March 2020
9. Dr. S. Velammal & Dr. S. Karthikeyan, Domination in intuitionistic fuzzy graphs, International journal of Advanced and innovative research, , ISSN : 2278- 7844, Volume 1 , Issue 3, August 2012 , Impact factor Impact Factor : 0.349
10. T.Manimaran, T.Selvaganesh, G.Selvaraj, K.Subramanian, S.Karthikeyan Strength of vertex irregularity of some product graphs, Advances in non linear variational inequalities ISSN 1092 – 910X Vol 28 No 5s(2025)
11. T.Manimaran, T.Selvaganesh, G.Selvaraj, K.Subramanian, S.Karthikeyan Edge irregularity strength of graphs on mean labelling, Library progress international Vol 44 No 3 9287 - 9294