

BIO DATA



Name : Dr. G. SELVARAJ
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1. Educational Qualification

Degree	Branch / Specialization	Institute/University	Year of Passing
B. Sc.,	Mathematics	GTN Arts College, Dindigul.	2009
M. Sc.,	Mathematics	Gandhigram Rural Institute (DU), Dindigul.	2011
M. Phil.,	Mathematics	Bharathidasan University, Trichy.	2012
Ph. D.,	Neural Network and Optimization	VIT University, Vellore.	2016

2. Professional/ Industry Experience

: (in chronological order)

S.No	Designation	Institution/ Organization	Period	
			From	To
1	Asst. Prof	Sree Vidhyanikethan Engg College, Tripathi.	28.06.2016	09.12.2016
2	Asst. Prof	Ramco Institute of Technology	20.02.2017	Till Now

3. Research Interest

1. NEURAL NETWORK
2. OPTIMIZATION

4. Publications

4.1 JOURNAL PUBLICATIONS

1. Selvaraj G and Pandian P (2016), "A fuzzy neural network for fully fuzzy linear programming problems", International Journal of Mathematical Modelling and Numerical Optimisation, 7(3) pp: 231-243.
Impact factor: 0.646

Updated as on Jan 2020

- Selvaraj G and Pandian P (2015), "Parametric - Neural Approach For Linear Fractional Programming Problems", International Journal of Applied Engineering Research, 10(1) pp: 1321-1332.
Impact factor : 0.36
- Selvaraj G and Pandian P (2015), " A Single Neuron Model For Solving Both Primal And Dual Linear Programming Problems", International Journal of Engineering and Technology, 7(1) pp: 91-98.
Impact factor: 0.84
- Selvaraj G and Pandian P (2014), "A New Crisp Neural Network for Solving Fuzzy Linear Programming Problems", Global Journal of Pure and Applied Mathematics, 10(5) pp:685-695.

4.2 CONFERENCE PUBLICATIONS

- Selvaraj G and Pandian P, A neural network approach for Fuzzy linear programming problems, National Conference on Recent Trends in Mathematical Computing NCRTMC'13, 21-27, Bonfring publications, Chennai.
- Selvaraj G, Computational Model for Fuzzy Shortest Path Problem, Second national conference on innovations in engineering, science and technology, Rajapalayam.

5. Funded Projects

S.No.	Title of the project	Funding Agency	Duration	Amount	Status

6 Ph.D. guidance

Sl.No	Scholar name	University	Topic	Status

7 Short term Courses / Seminars /FDP/Workshop/Conference Attended:

Sl.No	Title of the event	Organized by	Date	
			From	To
1.	Linear Algebra and Multivariable Calculus	MEPCO engineering College	13-05-2019	18-05-2019
2.	Linear Algebra	Ramco Institute of Technology	27.06.2018	28.06.2018
3.	Transforms and Partial Differential Equations	Ramco Institute of Technology	12-06-2017	18-06-2017

8. Short term Courses / Seminars /FDP/Workshop/Conference organized:

Sl.No	Title of the event	Organized by	Date	
			From	To

9. Online Courses

Sl.No	Course title	University	Date
1	Calculus 1C: Coordinate Systems and Infinite Series	Massachusetts Institute of Technology	2019
2	Differential Equations: Fourier Series and Partial Dierential Equations,	Massachusetts Institute of Technology	2018
3	Calculus 1B: Integration	Massachusetts Institute of Technology	2018
4	Introduction to Complex Analysis	Wesleyan University	2017
5	Calculus:1A Differentiation	Massachusetts Institute of Technology	2017
6	Differential Equations: 2x2 Systems	Massachusetts Institute of Technology	2017

10. Patents filed/awarded

11. Membership in Professional societies : ISTE

12. Awards, Recognition & Achievements : GATE, SLET Qualified

Any others (Board of studies/Governing Council/Staff Selection/ Reviewer/other duties)