




Faculty Profile

Name	: Dr. K. IYAPPAN				
Date of Birth	: 03/05/1978				
Highest Qualification	: M.Sc.,M.Phil.,Ph.D.,				
Date of Joining	: 03/11/2022				
Designation	: Associate Professor				
Date of promotion (Present Designation)	:				
Area of Interest	: Graph Theory				
Mobile No	: 9585960671	Email ID	: iyappan.k@trp.srmtrichy.edu.in		
Experience	: Teaching : 23 Years	Industry	: -	Research	: 7 Years
Address (for Communication)	73, Perumal koil street, valliur, Tirunelveli Districtt. 627117				

Association with Professional Bodies

Name (Professional Body)	IAENG	ISTE	IMS	
Type of Membership and No.:	Member No : 331133	LM69990	I-09-007	

Research

Ph. D Guidance					
Supervisor / Guide ship No. :	NIL	University :	NIL	No. of Scholars :	NIL
Publication*					
International Journals :	05	National Journals :	01		
International Conference :	01	National Conference :	-		
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount) :	-	Applied (Amount) :	-		
Patent					
Published :	03	Granted :	-		

Books

Published	NIL
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FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	15	Attended :	NIL	Attended :	10	Attended :	3	Attended :	-
Organized :	2	Organized :	NIL	Organized :	4	Organized :	NIL	Organized :	-

Online courses (NPTEL, MOOC etc.)	4
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***List of Publications :**

7. Enhancing Road safety: A Novel Fuzzy-RBF based Approach for Car Accident Prediction, Proceeding of Proceedings of the Second International Conference on Automation, Computing and Renewable Systems (ICACRS-2023) IEEE Xplore Part Number: CFP23CB5-ART; ISBN: 979-8-3503-4023-5.
6. The mono-number of a graph. "Journal of Graph Labelling, Jan 2016.
5. The forcing connected vertex monophonic number of a graph, " Advanced Studies in Contemporary Mathematics", 26, 1, 83-92.
4. The connected vertex monophonic number of a graph, " Acta Mathematica Academiae Paedagogicae Nyireghaziensis", 32, 1-13.
3. The upper ertex monophonic number of a graph, " International Journal of Pure and Applied Mathematics", 106, 2, 389-400.
2. The forcing vertex monophonic number of agraph, " International Journal of Math. Combin.", 1, 86-95
1. The upper connected vertex monophonic number of agraph, "Proceedings of the Jangjeon Mathematical Society", 17, 2, 169-180

Patent Published:

- 3.A Hybrid Numerical and Analytical Method for Solving Linear Systems, The Patent Office Journal No. 16/2024 dated 19/14/2024.
- 2.Title: Optimizing Numerical and Analytical Methods for Accurate Solutions to Partial Differential Equations, The patent office journal, 26/2023 dated 30/6/2023.
1. Title: The probability-based analytics hierarchy process of human rosource systems in entrepreneurship decision processes, The Patent Office Journal No. 26/2023 dated 30/06/2023.