


Faculty Profile

Name	:	Dr.D.Kumar								
Date of Birth	:	05-06-1990								
Highest Qualification	:	M.Sc.,M.Phil.,Ph.D.,								
Date of Joining	:	11-03-2022								
Designation	:	Assistant Professor								
Date of promotion (Present Designation)	:									
Area of Interest	:	Graph Labeling, Graph coloring and Graph domination								
Mobile No	:	+91 9942692496		Email ID	:	kumar.d@trp.srmtrichy.edu.in				
Experience	:	Teaching	:	5.2	Industry	:	-	Research	:	8.2
Address (for Communication)	:	No 23, Cosmo village, 6 th street, Samayapuram,Trichirapalli-621105								

Association with Professional Bodies

Name (Professional Body)	International Association of Engineers (IAENG)	IAEEE	
Type of Membership	Member	Member	
Membership No.	314418	71050530	

Research

Ph. D Guidance					
Supervisor / Guide ship No. :	-	University :	-	No. of Scholars :	-
Publication*					
International Journals :	8	National Journals :	-		
International Conference :	-	National Conference :	-		
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount) :	-	Applied (Amount) :	-		
Patent					
Published :	1	Granted :	-		

Books

Published :	-
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FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	7	Attended :	-	Attended :	13	Attended :	5	Attended :	-
Organized :	1	Organized :	-	Organized :	-	Organized :		Organized :	1

Online courses (NPTEL, MOOC etc.)	NPTEL-2
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***List of Publications :**

1. **Duraisamy kumar**, P. Thangaraj, N. Jeyalakshmi, Non-negative unique isolated signed dominating function of graphs, Mathematical Engineering Science and Aerospace(Scopus), 13(4), 959-964(2022).
2. **Duraisamy kumar**, P. Thangaraj, N. Jeyalakshmi, Non-negative isolated signed dominating function of graphs, Advances and application in Mathematical Sciences (Web of science)(accepted)(2023).
3. **Duraisamy Kumar** and S. Vimalkumar, 'Secure domination for quadratic graphs, Mathematical Engineering Science and Aerospace (accepted)(2023).
4. Sivagnanam Mutharasu and **Duraisamy Kumar**, 'Vk-super vertex in-magic labeling of digraphs'', Physics conference series,(Scopus), **1850(1): 012067(2021)**.
5. N. Marry Bernard, Sivagnanam Mutharasu and **Duraisamy Kumar**, 'Vk-super vertex magic graceful labeling of graphs'', Malaya journal of Matematik, 8(3), 950-954, 2020.
6. Sivagnanam Mutharasu and **Duraisamy Kumar**, 'Ek-super vertex in-magic labeling of digraphs'', Mathematical Engineering Science and Aerospace(Scopus). 11(1) 193-199, 2020.
7. Sivagnanam Mutharasu and **Duraisamy Kumar**, 'Vk-super vertex out-magic labeling of digraphs'', Punjab University Journal of Mathematics,(web of science) 57(7) 35- 41, 2019.
8. Sivagnanam Mutharasu and **Duraisamy Kumar**, 'Vk-super vertex magic labeling of graphs'', Malaya journal of Matematik, 6(4) 795-799, 2018.
9. Sivagnanam Mutharasu and **Duraisamy Kumar**, 'Ek-super vertex magic labeling of graphs'' Int. J. Math. And Appl., 6(1 {E})(2018), 1005-1012.
10. Sivagnanam Mutharasu and **Duraisamy Kumar**, 'Non negative signed efficient total domination function in cycles and paths'', Karpagam IJMA, Vol 5 (April-14- Sep-14) 816-822.