

Profile

Name : V. Senthilkumar
Date of Birth : 05-05-1984
Address (Residential) : 1.1.19 Bharathiyar street, Krishnapuram, Lakshmpuram -625 523
Theni.
Email. : 1984senthilvkumar@gmail.com,
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Mobile No. : 9655669486
Designation : Assistant Professor
Department : Mathematics
Area of Specialization : Graph theory , Domination in Fuzzy graph



Academic details:

S.No.	Degree	University/ College	Branch	Month & year of Completion	CGPA/ Percentage/ Class
1	PHD	MK University, Madurai	MATHEMATICS	March 2022	
2	MPHIL	SBK College of Arts.Arupukottai MK University	MATHEMATICS	April 2008	I
3	B.Ed	Manonmanium Sundaranar University,Tirunelveli	MATHEMATICS	April 2007	I
4	MSC	VHNSN College-Viruthunagar MK University, Madurai	MATHEMATICS	November 2006	I
5	BSC	VHNSN College -Viruthunagr. M K University, Madurai	MATHEMATICS	April 2004	III

Experience:

S.No.	College	From	To	Duration
1	CPA College	17-08-2022	Till	2 Years 12 Days
2	Theni kammavar Sangam College of Technology,Theni	24-08-2009	06-11-2014	5 Years 2 Months 15 Days
3	Theni Kammavar Sangam college of Arts and Science, Theni	10-06-2015	08-03-2022	6 Years 9 Months 3 Days
4	CPA College	10-03-2022	16-08-2022	5 Months 9 Days

Details of the Orientation and Refresher Courses attended:

S.No.	Course	Academic Staff College	Period
1	Other	Swayam MOOC Course, CEC, New Delhi.	Janauary 2023- April 23

List of Publications:

1. V. Senthilkumar, " Global Strong Domination in δ -Cut Diminish Fuzzy Graph $G(\delta, \delta)$ by δ -Cut Strong Arc", Bulletin of Pure and Applied Sciences Section - E - Mathematics & Statistics, Vol. 41E, No.1, 0970 6577, page no. P81-87.
2. V. Senthilkumar and C.Y. Ponnappan, " Introduction To Strong Support Domination In Fuzzy Graph $G(\delta, \delta)$ By Strong Arc", Advances in Mathematics: Scientific Journal, 8 (2019), no.3, 1857-8365, page no. 724-735.
3. V. Senthilkumar and C.Y. Ponnappan, " Independent Strong Support Domination & Independent anti- Strong Support Domination In Fuzzy Graph $G(\delta, \delta)$ By Using Strong Arc", Advances in Mathematics: Scientific Journal, 8 (2019), no.3., 1857-8365, page no. 714-723.
4. V. Senthilkumar and C.Y. Ponnappan, "Note On Strong Support Vertex Covering Of Fuzzy Graph $G(\delta, \delta)$ By Using Strong Arc ", Advances and Applications in Mathematical Sciences, Volume 18, Issue 11,, 0974-6803, page no. 1421-1442.
5. C.Y. Ponnappan, V. Senthilkumar and A.Selvam, " A note on Intuitionistic Fuzzy Graph by strong arc", Journal of Applied Science and Computations, Volume VI, Issue 3, 1076-5131, page no. 957-968.
6. C.Y. Ponnappan and V. Senthilkumar, "Domination in Cartesian Product Of Fuzzy Graphs Using Strong Arc ", Bulletin of Pure and Applied Sciences Section - E - Mathematics & Statistics, Vol. 37E (Math & Stat.), No.2, 2018, 0970 6577, page no. 321-336.
7. V. Senthilkumar, "Types Of Domination In Intuitionistic Fuzzy Graph By Strong Arc And Effective Arc", Bulletin of Pure and Applied Sciences, Vol. 37E (Math & Stat.), No.2, 0970 6577, page no. 490-498.
8. C.Y. Ponnappan and V. Senthilkumar, " Study Of Domination In (Union And Join) Of Fuzzy Graphs Using Strong Arc", IMRF Biannual Peer Reviewed (Refereed) International Journal, Volume 7 Issue 2, 2278-8697, page no. 73-81.
9. C.Y. Ponnappan and V. Senthilkumar, " Case Study of Non Strong Arc in Cartesian Product of Fuzzy Graphs", Annals of Pure and Applied Mathematics, Vol. 18, No. 1, 2018, 15-25, 2279-087X (P), 2279-0888(online), page no. 15-25.
10. V. Senthilkumar, C.Y. Ponnappan and A.Selvam, " A note on domination in fuzzy graph using strong arc", Journal of Applied Science and Computations, Volume 5, Issue 6, June /2018), 0076-5131, page no. 84-92.

Participation:

1. National level Faculty Development Programme on " DATA DRIVEN APPLICATION ON MATHEMATICAL AND STATISTICAL MODELS ", 27/02/2024 - 02/03/2024, St. Joseph's Arts and Science college , Chennai.
2. National level Webinar on " Emerging Trends in Mathematics ", September 13, 2023, Jayaraj Annabakiyam College for Women, Periyakulam.
3. International level Faculty Development Programme on " International FDP on Recent Trends in Graph Theory and Mathematical Modelling & its Applications ", June 12-16, 2023, Mohamed sathak A.J.College of Engineering, Chennai-.
4. State level Workshop on " Intellectual Property Right ", February 22, 2023, CARDAMOM PLANTERS' ASSOCIATION COLLEGE, BODINAYAKANUR.
5. National level Conference on " National conference on Mathematical and computational Sciences ", September 23-24, 2018, Alagappa University, Karaikudi.
6. International level Conference on " International conference on Modern Trends in Mathematics ", September 10, 2018, Hajee Karutha Rowther Howdia College, Uthamapalayam.
7. International level Conference on "International conference on Advances in Pure and Applied Mathematics ", September 6-8, 2018, School of Mathematics, MK University, Madurai.
8. International level Conference on "International conference on Innovations in Engineering and Industrial applications ", May 11-12, 2018, KLN College of Engineering , Madurai.
9. National level Seminar on "National seminar on Recent Trends in applied Mathematics ", December 13, 2017, Jeyaraj Annapackiam College for Women, Periyakulam.

Presentation:

1. National level Conference on "INCMPCA-24 ", February 8-9, 2024, Bharathi College of Arts and Science, Pudukottai., presented title as " Odd Vertex, Even Edge Square root mean Labelling".
2. International level Conference on "The international Conference on computer Science and Mathematics ", June 17, 2023, Hindustan College of Arts and Science, COIMBATORE., presented title as " Odd vertex Even Edge Root Square Mean Labelling Graphs".

Resource Person:

1. Guest Lecture on "Seminar ", August 10, 2024, Theni Kammavar Sangam College of Education., Theni.
2. Guest Lecture on " Mathematics Association ", September 12, 2023, NPR Arts and Science, NPR Nagar , Natham, Dindigul.
3. Guest Lecture on " Applied Mathematics ", April 24, 2023, Government Arts and Science College , Verapandi ,Theni 625534.
4. Guest Lecture on " MATHEMA Association Meeting ", February 13, 2023, Nadar Mahajana Sangam Sermathai Vasan College for Women, Madurai , Avaniyapuram -625012.
5. Guest Lecture on " Mathematics Association ", January 25, 2023, Thiruvalluvar Arts And Science College For Women, Soolapuram, Elumalai 625535.

Membership :

1. External Examiner - Exam paper valuation, 2024-07-29 (ONE YEAR), P. G. Board Mathematics Madurai Kamaraj University
2. Member - Board of Question Settings, 2024-08-09 (SIX MONTHS), Jayaraj Annapakiyam College for Women
3. External Examiner - Exam paper valuation, 2023-07-24 (ONE YEAR), P. G. Board Mathematics Madurai Kamaraj University
4. Member - Board of Question Settings, 2022-11-01 (SIX MONTHS), LADY DOAK COLLEGE,MADURAI