



**Name:** c.vennila

**Designation:** Associate Professor

**Area of Interest:** Graph Theory

**About me:**

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**Linked in:**

**Facebook link:**

**Research scholar link:** rid26877

**Professional information:**

#### **Publication**

1. Approximation of continuous real valued functions vol-3 Issue-52011,IJARIIE –issn(O)-2395-4296, S.jayasudha, c.vennila, R.Rajalakshmi.
2. Fuzzy Data Mining For Heart Disease Vol-3 Issue-4 2017, IJARIIE-ISSN(O)-2395-4396 C.Vennila , S.Jayasudha ,R.Rajalakshmi T,Manimozhi
3. Application of Vedic Sutras To Mathematical Problems R.Rajalakshmi , C.Vennila, T,Manimozhi, S.Jayasudha
4. Some properties of line graphs 18<sup>th</sup> jan21 submission id 1500571522 V.Mythili,D.Little Femilinejana,S.Jayasudha,C.Vennila,S.Rajarajeswari
- 5.An Efficient Naïve Bayes Classifier for twitter sentiment analysis Id 1500570201 3<sup>rd</sup> Feb 21 S.Jayasudha,C.Vennila,V.Mythili,R.Sumathi,D.Little Femiline Jana.
- 6.A Development of 5Gwireless Sensor Net work using Man design “2024 4<sup>th</sup> international conference on advance Computing and innovative technologies in Engineering (ICACITE). C. Vennila; Muntather Almusawi; K. Sriram Kumar; B Priya; Vidhi Rawat; G. Amirthayogam
- 8.Revolutionizing reservoir management with machine learning enhancing efficient and Deciding making .Experimental evaluation of internet of things Assisted Industriall production monitoring System using smart Sensors’ 2023 9<sup>th</sup> international conference on smart structures and systems (I CSSS).
- 9.Improving Quality of service in mobile satellite Network “S. Hemelatha; Jagmeet Sohal; C. Vennila Shubhi Goyal; Mp Sunil; Pranali S. Kshirsagar “International Conference on Computing and Networking Technology (ICCNT)” .
- 10.Exploring explainable artificial intelligence for transparent decision making . Dr D David Winstler Praveenraj 1 Mr Melvin Victor 2 C. Vennila 3 Ahmed Hussein Alawadi 4 Paradaeva Diyora5N. Vasudevan 6T. Avudaiappan 7 “ E3S Web of Conferences 399, 04030 (2023) ICONNECT-2023”.

#### **Patents**

1. Fuzzy logic based maximum powerpoint tracking for solar grid Tie inverter, Application No.202341000886 A, Published date: 13/1/23. V. Mythili, Dr.S. Jayasudha, C. Vennila, S. Rajarajeswari, D. Little Femilin Jana
2. A New multiport Asymmetricseven level inverter topologyusing a fuzzy logic controller Dr.S. Jayasudha, C.Vennila, S.RajaRajeswari ,Dr.V.R.Pathmavathi,V.Mythili

## **Certifications**

1. Journalism Course completed April 2004
- Innovation Ammbastor completed Foundation level & advanced level, June 2022

## **NPTEL**

1. Multivariable Calculus, , March 2018
2. Mathematical methods & its applications, April 2019
3. Engineering Mathematics II jan-april 2023

## **COURSERA**

1. Vector Calculus For Engineering
2. Introduction to Calculus
3. Data Science Math Skill
4. Differential Equation For Engineering
5. Mathematical foundation for Cryptography
6. Matrix Algebra for Engineering.

## **Education details**

1. M.Phil., Mathematics, Vinayagamission University, Chennai , Percentage – 75% First class with distinction.
2. M.Sc., Mathematics, 2007, Theivanai Ammal college for women, Villupuram Percentage - 72%, First class with distinction.
3. B.Sc., Mathematics, 2005, Theivanai Ammal college for for Women, Percentage – 67% First class.

## **Membership**

1. IAENG, Member No: 187917
2. VIDWAN ID 279161
3. ORCHID ID 0000-0002-9017-683x

## **Conference/ workshop/ FDP attended:**

1. National conference on Advanced communication computing and power systems at St. Josephs college of Engineering & Technology on 9<sup>th</sup> march 2019.
2. FDP on Effective Teaching Strategies & Methods by Prince Shri Venkateshwara Padmavathy Engineering College from 21.11.19 to 22.11.2019
3. Five days FDP Programme on pure and applied mathematics conducted by the Hindusthan College of Engineering & Technology from 4.05.20 to 8.05.20
4. International Conference on Research advancement & Challenge in Engineering Sciences (ICRACE'20) Conducted by Vellamal Engineering College from 6.3.20 to 7.03.20
5. International FDP on Recent Trends in Graph Theory and Mathematics Modelling and its application organized by Mohamed sathak A.J college of Engineering from 12.06.2023.
6. National online FDP on “Mathematical modeling” organized by the Department of mathematics Sarojini Naidu Vanita Maha Vidyalaya from 6.4.22 to 11.4.2022
7. National online FDP on Discrete mathematics organized by the Department of mathematics in Ram co Institute of technology from 28.06.21 to 03.7.21

8. National online FDP on “How Teachers can make a Difference” conducted by teaching learning center of IIT Madras 15.6.20 to 19.6.20.
9. National online FDP on “7QC tools for Educational Excellence” conducted by Rajalakshmi Engineering College 22.6.20 to 26.6.20
10. Professional Development Programme on “Implementation of NEP-2020 for University and college Teacher’s by Indira Gandhi national Open University from 9.9.222 to 17.9.2022
11. Five days International Workshop on “Recent Trends in Modelling and its Application -2022 (IWRTMIA) by Post graduate college ,Ghazipur ,UP-INDIA
- 12..Five day online FDP on ‘Advancing scholarly Excellence from publication to innovation in Research’ organized by IQAC of Prince shri venkateshwara arts and science college from 11.11.2024 to 15.11.2024.
- 13.’A five days online FDP on beyond boundaries driving innovation in research ‘organized by Auxillum college from 26.12.24 to 30.12.24.
- 14.International seminar on mathematics -The Gateway to the emerging Trends of technology2024 organized by Justice Basheer Ahmed Sayeed College for women on 24.12.2024.
15. Five days virtualfaculty Development program on” Interdisciplinary research collaboration and innovativeteaching methods for mathematics”organized by St.joseph’s college (Arts and science) from 17.3.205 to 21.03.2025.
- 16.Three days virtual workshop on Advanced Reseach Tool on the topic “Hands -onworkshopon Latex”organized by Shri Shankaralal Sundarbai Shasun jain college for women from 1.03.2025 to 4.03.2025.
- 17.Five days FDP transforminhiher education faculty development program on institution Autonomy and NEP 2020 implementation organized by Mazhrul Uloom College from 10.05.2025 to 15.05.2025.