

Profile

Mrs. V Mythili, M. Sc, M.Phil.,

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Designation: Assistant professor, Department of Science and humanities

Area of Interest: Graph Theory

Scopus id

<https://id.elsevier.com/settings/redirect?code=I7fdYGxK2UxVIM0kQLsaLkdycb9mxNAmn-Ivz3NA>

Researcher id

GLT-7754-2022

Orchid 16 digit id

0000-0003-4158-1502

Scopus/Elsevier id

<https://scholar.google.com/citations?authuser=1&user=MavvGb8AAAAJ>

Educational Qualification:

Degree	Subject	Year of Passing	Institution	Percentage of Marks
M Phil	Mathematics	1995	Madurai Kamaraj University	85.20
M. Sc	Mathematics	1994	Madura College, Madurai	95.35
B. Sc	Mathematics	1992	Fatima College, Madurai	94.6
H. Sc	-	1989	HSS Board, Tamil Nadu	85.5
SSLC	-	1987	SSLC Board, Tamil Nadu	87.8

Work Experience:

- (1) Working at "Prince Shri Venkateshwara Padmavathi Engineering College, Chennai from 15.06.2002 to till date.
 - (i) 2009 to Till date - Assistant Professor
 - (ii) 2002 to 2009 - Lecturer
- (2) Worked as a "PG Teacher In Prince Mat. Hss, Nanganallur, Chennai from 1999 to 14.06.2002.
- (3) Worked as a "Resource Person In Madurai Kamaraj University" for a period of six months from 18.7.1996 to 16.1.1997.

Personal Profile:

Husband Name : V.Venkatraman
Date of Birth : 04-06-1972
Sex : Female
Marital Status : Married
Nationality : Indian

Patent details:

- (1) Published patent on the title "FUZZY LOGIC BASED MAXIMUM POWER POINT TRACKING FOR SOLAR GRID TIE INVERTER" on 13.01.2023.
- (2) Published patent on the title "LUBRICATION LEAKAGE DETECTION USING SATELLITE IMAGE THROUGH COMPUTER VISION" on 18.8.2023.

NPTEL / Course certificate:

1. Received NPTEL certificate for successfully completing the course "Partial Differential Equations (PDE) for Engineers" during March to April 2016.
2. Received NPTEL certificate for successfully completing the course "Stochastic Processes -1" during July to September 2016.

3. Received NPTEL certificate for successfully completing the course “Graph Theory” during August to October 2017.
4. Received NPTEL certificate for successfully completing the course “Multivariable Calculus” during February to March 2018.
5. Course Certificate by Duke University for completing the course “Data Science Math Skills” on 27.05.2020.

Papers Presented/ Published in International/National journals:

- (1) Published a paper titled “ Relationship between Pert Network and a directed graph” in IJMRC, International Journal of Multidisciplinary Research Centre during August 2015.
- (2) Published a paper titled “ Simplification of Circuits using Boolean Algebra” in IJMRC, International Journal of Multidisciplinary Research Centre during September 2015.
- (3) Published a paper titled “ Application of Probability and Fuzzy Logic in a Practical Situation” during October 2015.
- (4) Published a paper titled “ Correlating Graph Theory to a Switching Network in the journal IJRET during December 2015.
- (5) Presented a paper titled” A Review of fuzzy graph theory” in the National Conference on Mathematical Techniques and their Applications conducted at SRM University during 27th and 28th of January 2017.
- (6) Published a paper titled “ A New Approach for Solving Travelling Salesman Problem with Fuzzy Numbers using Dynamic Programming” in International Journal of Mechanical Engineering and Technology during the year 2018.
- (7) Presented a paper on the title “Operations on m-Polar Fuzzy graphs” at 2nd International Conference on Mathematical Techniques and Applications at SRM University during 24th to 26th March 2021.
- (8) Presented a paper entitled “An introduction to Blue Economy: An Ocean of Opportunities” in the Two Days National Seminar conducted by Indian Council of Social Research (ICSSR), New Delhi during 2nd-3rd September 2022.

- (9) Published a paper titled “ Investigating the Benefits and Drawbacks of Automated Information Retrieval” in an IEEE International Conference during the year 2023.
- (10) Published a paper titled “ Analyzing Adaptive End – to – End Congestion Control Strategies for Underwater High Speed Communication Networks” in International Conference Conducted by SMART GENCON during Dec 29-31, 2023.
- (11) Published a paper titled “ Nearest Neighbour Extraction for Multi – Camera Fusion in Low – Light Conditions ” in IEEE Conference during 24th to 28th June 2024.

Conference/Workshop/FDP Attended:

1. Attended 5 days Faculty Development Programme conducted by Anna University on the topic Random Process from 8th to 12th December 2003.
2. Participated in the Two Day National Level online Workshop entitled “ICT enabled Higher Education in India” organized by Guru Angad Dev Teaching Learning Centre , SGTB Khalsa College, University of Delhi on 12th, 13th August 2020.
3. Attended Workshop on “Correlation Analysis and Chi-Square in Research Data Analysis” organized by IQAC, Shasun Jain College for Women on 17th June 2021.
4. Attended six – day Faculty Development Programme on Discrete Mathematics By Ramco Institute of Technology , Rajapalayam from 28.06.2021 to 03.07.2021.
5. Received Certificate for participating in the seminar ”Role of IQAC in implementing Innovative practices in Teaching Learning” by PSVPEC during 27th – 28th April 2022.
6. Received certificate for participating in the Webinar on “Innovation and Intellectual Property Rights” Organized by IPR Cell & Institution’s Innovation Concil(IIC) , Sacred Heart College(Autonomous), Tirupattur on 19.7.2022

7. Received certificate for participating in the workshop on “Driving Innovation , Research and Consultancy in Civil Engineering for HEIs” held on 2nd August 2022.
8. Participated in Two-day National Level Seminar on “ Effective Implementation of NEP 2020 in the Realm of Engineering Education” held on 5th & 6th August 2022 by Vardhaman College of Engineering , Hyderabad.
9. Received certificate for participating in the AICTE Recognized Faculty Development Programme on Curriculum Design & Evaluation Conducted by Curriculum Development Centre Department of National Institute of Technical Teachers Teaining and research (NITTTR) Chandigarh from 08/08/2022 to 12/08/2022.
10. Participated in IP Awareness/Training program under National Intellectual Awareness Mission on September 19,2022.
11. Participated in Professional Development Programme on “Implementation of NEP-2020 for University and College Teachers” held from 07-15th October , 2022 by Indira Gandhi National Open University, New Delhi.
12. Attended an International Online Webinar on “ Upcoming Trends in Wearable Electronics and Internet of Things (IoT)” conducted by NITTR, Chennai on 15.10.2022.
13. Attended one week National Level Faculty Development Program on “Research – Vision to solve problems through different angles” br Parul University during 15th October 2022 to 20th October 2022.
14. Participated in IP Awareness Training Program under National Intellectual Property Awareness Mission on January 07,2023.
15. Participated in Online FDP on “How Teachers can make a Difference” conducted by Teaching Learning Centre of IIT – Madras from 21st to 25th of August 2023.
16. Completed one week National level FDP on Research Paper Writing, Predatory Journals, Effective Presentation & AI in Research, held from 8th to 14th April 2025.

Resource person as an Innovation Ambassador:

- 1) Talk on “Innovation and Design thinking” at PMS Matriculation Higher Secondary School , Nanganallur, Chennai on 6th August 2022.
- 2) Speech in the topic “ Fostering Innovations to enable Entrepreneurial Ecosystem” on 25th August 2022 at Prince Dr.K.Vasudevan College of Engineering and Technology.