




SRM Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

TEL : 044 - 27454784 / 726, FAX : 044 - 27451504

Department of Mathematics

Personal Details

Name :	Dr. V. VIJAYALAKSHMI M.sc., M.phil., PhD, SET		
Designation :	Assistant Professor-Selection Grade		
Educational Qualification :	M.SC., M.PHIL., PGDCA., Ph.D, SET		
Experience:	21 Years 6 Months		
Area of Specialization :	FUZZY LOGIC, FUZZY MATHEMATICS, FUZZY MATRICES		
Date of Birth	20.11.1977		
Email ID :	vijaya201177@gmail.com , vijayalakshmiv.maths@valliammai.co.in		
Contact Numbers :	9176666532	8248538728	

Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.Sc	Mathematics	Valliammal College For Women, Chennai, University Of Madras	1997
2	M.Sc.	Mathematics	Meenakshi College For Women, Chennai, University Of Madras	1999
3	M.Phil.	Mathematics	Madurai Kamaraj University	2001
4	PGDCA	Computer Applications	Bharathidasan University	2002
5	Ph.D	Mathematics	Dravidian University	2017
6	State Eligibility Test- SET	Mathematics	Government of Tamil Nadu - Mother Theresa Women's University	2017

Professional Society Memberships

1. Indian Science Congress,
2. Indian Society for Technical Education,

Publication Details

Journal Publication

- V.Vijayalakshmi, Dr.R.Sattanathan published "Circulant Trapezoidal Fuzzy Number Matrices" in International Journal of Algorithms, Computing & Mathematics. Volume 3, Number 2 May 2010 ISSN: 0974-3367 pp 49-56
- V.Vijayalakshmi, Dr.R.Sattanathan published "ST decomposition method for solving FFLS" in

- V.Vijayalakshmi, Dr.R.Sattanathan, published “ST decomposition method for solving FFLS using Gauss Jordan for trapezoidal fuzzy matrices” in “International Mathematical Forum” , HI indexed Journal Vol. 6, 2011, no. 45, ISSN 1312-7594 2245 - 2254, Bulgaria , Europe.
- V. Vijayalakshmi, published “Solving FFLSE with circulant Hexagonal Fuzzy Number Matrices by LU decomposition method” in “ International Journal of pure and applied Mathematics”, volume 113, No.10, pp- 317-325, May 2017(SCOPOUS INDEXED JOURNAL)
- V. Vijayalakshmi, published “ Solving FFLSE for Octagonal Fuzzy Matrices” in International Journal of pure and applied Mathematics”, in “ International Journal of pure and applied Mathematics volume 119, No.9, pp- 267-275, April 2018(SCOPOUS INDEXED JOURNAL)
- Karpagam, Dr. V. Vijayalakshmi, published “Membership and Non membership function of Pentagonal Fuzzy numbers” in “American International Journal of Research in Science, Technology, Engineering and Mathematics” (UGC Listed Journal) ISSN (print) 2328-3491, ISSN (Online) 2328 3580, March 2019.
- Dr. V. Vijayalakshmi, A. Karpagam, published ” Heptagonal Fuzzy Number by singular value decomposition” in American International Journal of Research in Science, Technology, Engineering and Mathematics” (UGC Listed Journal) ISSN (print) 2328-3491, ISSN (Online) 2328 3580, April 2019.
- Dr. V. Vijayalakshmi, A. Karpagam, published ” Pentagonal Fuzzy Number by Cholesky Decomposition and Singular Value Decomposition” in International Journal of Mathematics Research, ISSN : 0976 5840 Volume 11, Number 1 , pp 19-28 June 2019.
- A. Karpagam, Dr. V. Vijayalakshmi, published “Comparison Results of Trapezoidal, Simpson’s 1/3 rule, Simpson’s 3/8 rule and Weddle’s rule”, in A Journal of Composition Theory, ISSN 0731 6755, Volume XII, Issue IX, September 2019.(UGC CARE GROUP A JOURNAL)
- A. Karpagam, Dr. V. Vijayalakshmi, published “Fuzzy cubic spline Interpolation with Triangular Fuzzy Numbers” in International Journal of Recent Technology and Engineering, ISSN : 22773878, Volume 8, Issue 5, January 2020 PP 4164 – 4166 , DOI:10.35940/ijrte.E6195.018520 (Scopus Indexed Journal)
- Dr. V. Vijayalakshmi, S. Surabhi, A. Karpagam published “Fully Fuzzy Linear Systems in Python Programming” in International Journal of Engineering and Advanced Technology, ISSN 2249 8958, Volume 9, Issue 4, April 2020 PP 951-956 DOI: 10.35940/ijeat.D7580.049420 (Scopus Indexed Journal)
- Karpagam, Dr. V. Vijayalakshmi , published “ New Tactic of Cubic Spline Interpolation with Trapezoidal Fuzzy Numbers” in “Gedrag Organisatie Review” ISSN : 0921-5077, Volume 33, Issue 03(July – Sep) 2020, pp 112- 118 , DOI : 10.37896/GOR33.03/410, (Scopus Indexed and Web of Science Journal)
- Dr. V. Vijayalakshmi, Ms. A. Karpagam, Dr. D. Sridevi Published “ A Tactic Approach in Game Theory” in International Journal of Composition Theory”, ISSN : 0731 – 6755, Volume XIII, Issue XI,, November 2020 pp- 287-293, (UGC care Group II Listed Journal)
- Dr. D.Sridevi, Dr. V. Vijayalakshmi, Dr.C. Amali Mr. K.Guru Published “SOT based Dynamic Garbage Management system “ in “ Elementary Education online” Volume 20, Issue 5, march 2021, pp 2207-2214, DoI : 10.17051/iikonline.2021.05.240, (Scopus Indexed and UGC care Journal)

Papers Presented in the Conferences

- V.Vijayalakshmi, Dr.R.Sattanathan “The trapezoidal fuzzy number matrices” in the International Conference on Mathematics and Computer Science (ICMCS-2010) held on 5th and 6th Feb 2010 at Loyola College, Chennai. Proceedings-ICMCS-2010-ISBN-978-81-908234-2-5- PP(297-303).
- V.Vijayalakshmi, Dr.R.Sattanathan “ Solving FFLS for circulant triangular fuzzy matrices by STdecomposition method” in International Conference on Emerging Trends in Mathematics andcomputer applications (ICETMCA 2010) in December 27-29 2010 in Mepco Shelenk Engineering College , Sivakasi, Proceedings :- ICETMCA -2010-ISBN: 978-81-8424-649-0-PP(108-112).
- V.Vijayalakshmi, Dr.R.Sattanathan“ A new approach to the distance of circulant trapezoidal fuzzy number matrices “ in the National Conference On Advances in Mathematics ScientificDevelopment and Engineering Applications (NCOAMSDEA 2009) held on 31st Aug & 1stsep 2009 at KunthavaiNachiar Govt. Arts & Science College, Thanjavur, Tamil Nadu.
- V.Vijayalakshmi, Dr.R.Sattanathan “Adjoint, Determinant of Circulant Fuzzy Number Matrices” in National seminar in Recent Advancements in Mathematics (RAM - 2009) held on 21st and 22nd December in Govt. Arts College, Kumbakonam Proceedings: RAM 2009-ISBN 81-88338-09 pp-376-382.
- V.Vijayalakshmi, Dr.R.Sattanathan “Solving FFLS by decomposition procedure for circulant triangular fuzzy matrices” at Kannur University held on 9th and 10th June 2010.
- V.Vijayalakshmi, Dr.R.Sattanathan “Solving circulant triangular fuzzy matrices by cramer’s rule” in the National conference on Recent Advances in Neural Networks (NCRANN 2010) held on 17th and 18th September 2010 at Kongu Engineering College at Perundurai, Erode.
- V.Vijayalakshmi, Dr.R.Sattanathan “Solving FFLS with circulant trapezoidal fuzzy numbers by cramer’s rule” in National conference on Recent Trends in Advanced Mathematics NCRTAM 2010” held on 15 Oct 2010 in Easwari Engineering College, Proceedings of NCRTAM ISBN No.978-9380430041, PP No.165-171.
- V. Vijayalakshmi, “Solving FFLSE with circulant Hexagonal Fuzzy Number Matrices by LU decomposition method” in National Conference on Mathematical Techniques and their Applications NCMTA-2017 at SRM university Kattankulathur campus held on January 27-28 2017.
- V. Vijayalakshmi, “Solving FFLSE for octagonal fuzzy matrices” in National Conference on Recent Trends in Fuzzy Mathematics & its Applications NCRTFMA-2017at SRM university Ramapuram campus held on November 3rd and 4th 2017.
- V. Vijayalakshmi, “Pentagonal fuzzy number by Cholesky decomposition” in 2nd National Conference on Recent Trends in Fuzzy Mathematics & its Applications NCRTFMA-2018 at SRM university Ramapuram campus held on October 26th and 27th 2018.
- Dr. V. Vijayalkshmi , “ A new Tactic for solving Payoff Matrix for Heptagonal Fuzzy numbers”, International Conference (Virtual Mode) conducted by Queens College of Arts and Science for Women, Thanjavur, Pudukkottai Dis on 7th and 8th October 2020
- Dr. V. Vijayalakshmi , “ SOT based dynamic Garbage Management System” International Conference (Virtual) on Smart Advanced Material Science and Engineering Applications-2020 Conducted by Department of Physics, KL University, Vijayawada, Andhra Pradesh. On 3.12.2020 to 5.12.2020

Conference Attended:

V.Vijayalakshmi, attended International Conference on Mathematical Methods and computation (ICOMAC – 2009) held on July 24 & 25 - 2009, at Jamal Mohamed College, Trichy, Tamil Nadu, India.

Dr. V.Vijayalakshmi, attended online Conference on “Laplace Transforms and their Application in Engineering” organized by Department of Mathematics, Kings Engineering College, Chennai, held on 27th June 2020.

- .Dr. V.Vijayalakshmi, attended online Conference on Emerging Trends in Mathematics and statistics ICETMS 2020, St. George College, Arivuthura Kottayam in association with Kerala Mathematics association.
- Dr. V. Vijayalakshmi, attended International Virtual Conference on “Progress in mathematics towards Industrial Applications” PMTIA 2020 organized by Department of Mathematics, SRM University Ramapuram Campus on 6,12,2020 and 7.12.2020
- . Dr. V. Vijayalakshmi, attended International Virtual Conference on “Bridging Innovative Trends in Mathematics, Engineering and Technology BITMET 20 organized by Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu, India from 18.12.2020 to 20.12.2020

Workshop/ Webinar Attended

1. V.Vijayalakshmi, attended National Workshop on Applications of Logic (NAWAL 2009) held during 22nd to 24th October 2009 at Sathyabama University, Chennai.
2. V.Vijayalakshmi, attended workshop titled “Research Practices on Topics in Mathematics” held on 25-26 June 2010 in Madras Christian College, Chennai.
3. V.Vijayalakshmi, attended workshop on “Writing and publishing articles in National and International Journals” held on September 24, 2010 at Loyola college, Chennai organized by LISSTAR.
4. Dr. V. Vijayalakshmi attended Online Workshop on “Intellectual Property Rights” Conducted at Pandit Deenadayal Petroleum University in association with IPPO , on 10th and 11th April 2020.
5. Dr. V. Vijayalakshmi attended Online Lecture Series on “Mathematics of Industry 4.0” conducted at SRM Institute of Science and Technology, Ramapuram Chennai -89, from 27.04.2020 to 29.04.2020
6. Dr. V. Vijayalakshmi participated online Quiz on “World Intellectual Property Day 2020” organized by Noorul Islam Centre for Higher Education on 26.04.2020
7. Dr. V. Vijayalakshmi attended two days online course and E- Quiz received Certificate of Appreciation “Mathematical and Technical Aptitude “ organized by Department of Mathematics Sri Nehru Maha Vidyalaya on 01.05.2020 and 02.05.2020
8. Dr. V. Vijayalakshmi attended Four days online course “Season 3 of sky campus- The future is here now” ICT Academy on 28.04.2020 to 01.05.2020.
9. Dr. V. Vijayalakshmi attended special webinar on “ Good teacher to a Great teacher” Speech given by Dr. Shylendra Babu IPS, Season 4 of sky campus, ICT Academy on 15.05.2020
10. Dr. V. Vijayalakshmi attended online webinar on “ Awareness about of Patent Filing” hosted by Patrician College of Arts and Science, Chennai on 15.05.2020
11. Dr. V. Vijayalakshmi attended online webinar “ Skill set for effective class room teaching” organized by Department of Mathematics, R.M. K .Engineering college, Chennai on 23.05.2020
12. Dr. V. Vijayalakshmi attended online webinar on “ Robotics in COVID 19 & Robotics in Future organized by Department of computer science and Engineering and Institution’s Innovation council , Sri Ranganathar Institute of Engineering and Technology, on 21.05.2020
13. Dr. V. Vijayalakshmi attended online webinar “ Fuzzy sets and its applications” organized by

14. Dr. V. Vijayalakshmi attended online workshop on “Mathematical Sciences for UGC CSIR NET Aspirants organized by Department of Mathematics, St.Mary’s college Thoothukudi on 19.05.2020 to 23.05.2020.
15. Dr. V. Vijayalakshmi attended online IQAC webinar on “Introduction to Latex” organized by the Department of Mathematics, LNGC Chennai held on 28.05.2020
16. Dr. V. Vijayalakshmi attended online International webinar on “ Writing Proposals for funding Agencies, Project Design and project proposals organized by the Department of Commerce, Rathinam College of Arts and Science, Coimbatore held on 29.05.2020.
17. Dr. V. Vijayalakshmi attended online webinar on “ Current Research in Fuzzy Mathematics” organized by the Department of Mathematics, Sri Pushpam College Thanjavur held on 24.05.2020.
18. Dr. V. Vijayalakshmi attended online two days webinar on “LATEX – learning by doing, organized by PG and Research Department of Mathematics, Idhaya College for women, kumbakonam held on 15.05.2020 and 16.05.2020.
19. Dr. V. Vijayalakshmi attended two days online seminar on “Recent Research Topics in Mathematics” organized by Department of Mathematics, Auxillium College,(Autonomous), Vellore on 28th and 29th May 2020.
20. Dr. V. Vijayalakshmi attended online “Corona awareness Quiz “ conducted by Department of Mechanical Engineering, Sri sairam Institute of Technology, Chennai.
21. Dr. V. Vijayalakshmi attended online International webinar on “The science of Yoga towards Health” organized by Department of Mathematics, Sathyabama University, Chennai held on 10th June 2020.
22. Dr. V. Vijayalakshmi attended online webinar on “Teaching Aptitude for Graduates” organized by Department of Mathematics, Sathyabama University, Chennai held on 11th June 2020
23. Dr. V. Vijayalakshmi attended online webinar on “Aptitude for CSIR NET” organized by Department of Mathematics, Sathyabama University, Chennai held on 11th June 2020 to 13th June 2020.
24. Dr. V. Vijayalakshmi attended online International webinar on “Outcome Based Education through Bloom’s Taxonomy: Stepping up the Learning Domain” organized by IQAC and Department of Commerce, Rathinam College of Arts and Science on 19th June 2020.
25. Dr. V. Vijayalakshmi attended online National webinar on “ Emerging Trends in online Eduction- post covid 19, organized by Computer Society of India (CSI), Kancheepuram chapter held on 24th June 2020.
26. Dr. V. Vijayalakshmi attended online National webinar on “ Role of Big data in Health care” organized by Alpha college of Engineering, Chennai held on 27th June 2020.
27. Dr. V. Vijayalakshmi attended special Lecture on “ SIRD model to predict COVID 19, outbreak in Tamil Nadu, India, organized by Department of Mathematics, SRMIST, Ramapuram On 25.06.2020
28. Dr. V. Vijayalakshmi attended special Lecture on “ Evolution of COVID 19, Power-law growth & flattening of the curve, organized by Department of Mathematics, SRMIST, Ramapuram On 26.06.2020
29. Dr. V. Vijayalakshmi attended International webinar on “ Applications of ML tools for Healthcare”

organized by Department of ECE, St. Joseph Institute of Technology, OMR, Chennai on 04.07.2020.

30. Dr. V. Vijayalakshmi attended webinar on “Idhuvum Kadandhu Pogum” organized by SRM TRP Engineering college, Trichy on 10.07.2020.
31. Dr. V. Vijayalakshmi attended online quiz with 100 % on “Testing your English” organized by the Department of English , Sri Balaji Arts and science college vandalur on 19.07.2020
32. Dr. V. Vijayalakshmi attended National webinar on “ An overview of MATLAB” organized by Department of Mathematics, Guru Nanak College Chennai on 22.07.2020.
33. Dr. V. Vijayalakshmi attended International webinar on “ Complex Analysis involving Quantum Calculus” organized by Department of Mathematics, Guru Nanak College Chennai on 24.07.2020
34. Dr. V. Vijayalakshmi attended International webinar on “Innovative Mathematical Modelling in Coastal and Ocean Engineering” organized by Department of Mathematics, SRMIST, Ramapuram On 27.07.2020
35. Dr. V. Vijayalakshmi attended National webinar on ” Teaching and Learning College Level Mathematics with ICT tools “ organized by the Department of Mathematics, Sri Malolan College of Arts and Science , Chingleput on 28.07.2020
36. Dr. V. Vijayalakshmi attended National webinar on “Mathematical Modelling and Applications” organized by the Department of Mathematics , RMK college of Engineering and Technology Chennai on 27.7.2020 and 28.7.2020
37. Dr. V. Vijayalakshmi attended National Quiz on “Math Connection Competition:” secured 100 % organized by the Department of Mathematics, Sri Kanyaka Parameswari college of Arts and Science for women, Chennai on 29.7.2020.
38. Dr. V. Vijayalakshmi attended National webinar on “ Understanding Dreams” organized by the Department of English, SRMIST, Vadapalani campus on 29.07.2020
39. Dr. V. Vijayalakshmi attended National webinar on “ The Bright Side of Covid 19” organized by Computer Society of India, Kancheepuram Chapter on 23.07.2020
40. Dr. V. Vijayalakshmi attended National webinar on “ Mathematics- A tool for Engineering and Technology” organized by Department of Mathematics and Statistics, New Prince Bhavani College of Engineering and Technology, Chennai On 31.07.2020
41. Dr. V. Vijayalakshmi attended National webinar on “Everyone can do Quality Research- Talk 07 Insights on Quality Research organized by IQAC Knowledge Institute of Technology, Salem on 06.8.2020
42. Dr. V. Vijayalakshmi attended National webinar on “Tamil Computing Using python” organized by the Department of computer science, Anna University Thirunelveli on 8.8.2020
43. Dr. V. Vijayalakshmi attended National webinar on “ Modelling the spread of Covid -19” organized by the Department of Mathematics, St. Joseph College of Engineering on 12.8.2020
44. Dr. V. Vijayalakshmi attended National webinar on “Recent Advancement of Fuzzy Theory” organized by the Department of Mathematics, D. G. Vaishnav College, Arumbakkam, Chennai 106 on 29.8.2020
45. Dr. V. Vijayalakshmi attended National webinar on “ Interrelationships of Research Problems, Research Questions and Review of Literature” organized by Department of Commerce, Chennai National Arts and Science College, Chennai 600054 on 26.8.2020
46. Dr. V. Vijayalakshmi attended National webinar on “Mobile Robots – Fuzzy Approach organized by SRM VEC CSI Student Branch, Valliammai Engineering College, Kattankulathur on 06.09.2020
47. Dr. V. Vijayalakshmi attended State Level webinar on “ To Bridge the Digital Divide to Build Digital India” organized by Guru Nanak College, Chennai on 12.09.2020
48. Dr. V. Vijayalakshmi attended National webinar on “ How to handle Mathematical Lectures using Online Technological tools” organized by Guru Nanak centre for Research, GNC, Chennai on 5.9.2020
49. Dr. V. Vijayalakshmi attended National webinar on “ Understanding Covid 19, Social awareness” organized by Computer Society of India, on 11.9.2020.
50. Dr. V. Vijayalakshmi attended National webinar on “ An overview of Cryptography” organized by the Department of Mathematics, D. G. Vaishnav College, Arumbakkam, Chennai 106 on 20.9.2020

51. Dr. V. Vijayalakshmi attended National Webinar on “Number Theory and Algebra in Computer Science” organized by Department of Mathematics, Unity Women’s College, Mallapuram, Kerala on 06.10.2020
52. Dr. V. Vijayalakshmi attended National Webinar on “Digital Marketing” organized by CSI Kancheepuram Chapter SRM Valliammai Engineering College, on 14.10.2020
53. Dr. V. Vijayalakshmi attended online quiz on “ General Mathematics” organized by the Department of Mathematics, Seshasayee Institute of Technology on 23.10.2020
54. Dr. V. Vijayalakshmi attended National Webinar on “Application of Rough sets in Data Analysis” hosted by the Department of Mathematics, Sri sairam Engineering College on 31.10.2020
55. Dr. V. Vijayalakshmi attended National Workshop on “ Introduction to Operation Research in Engineering” organized by Department of Mechanical Engineering, Ramco Institute of Technology on 22.11.2020
56. Dr. V. Vijayalakshmi attended National Webinar on “Bridging Mathematics Concepts in Industrial Problems” organized by Department of Mathematics SMK Fomra Instittue of Technology, Chennai on 28.11.2020
57. Dr. V. Vijayalakshmi attended National Webinar on “Mathematical Modelling and Number Theory” in Don Bosco college of Engineering in SCIMind Series on 22.12.2020.
58. Dr. V. Vijayalakshmi attended National Webinar on “How to write Resume, Curriculum vitae and Bio data “ conducted by Research Circle on 20.12.2020
59. Dr. V. Vijayalakshmi attended National Webinar on “Stress Management at workplace” conducted by SJBINstitute of Technology , Bengaluru on 26.12.2020.
60. Dr. V. Vijayalakshmi attended National Webinar on “Effective writing of proposals for Research Grants” conducted by Mohamed Sathak Engineering College on 13.3.2021

Faculty Development Programme (FDP) Attended

1. Dr. V. Vijayalakshmi attended Five days online Faculty Development Programme on “ Latex and Scilab” conducted at D.K.M. College for women, Autonomous in associated with spoken Tutorial IIT Bombay from 30.04.2020 to 04.05.2020
2. Dr. V. Vijayalakshmi attended online Faculty Development Programme on “Fuzzy Sets and Systems” organized by Department of Mathematics, Patrician College of Arts and Science, Chennai on 16.05.2020.
3. Dr.V. Vijayalakshmi attended online Faculty Development Programme on “Documentation of Graphs using Latex” organized by Department of Science and Humanities C. Abdul Hakeem College of Engineering and Technology on 13.05.2020
4. Dr.V. Vijayalakshmi attended Five days online Faculty Development Programme on “ Evolution of Teaching Learning Process – Post COVID 19, organized by Bharath Institute of Science and Technology , Chennai from 11.05.2020 to 15.05.2020
- 5, Dr. V. Vijayalakshmi attended online Faculty Development Program on “ Research Methodology” organized by Ramanujan mathematics club of Mathematics in association with IQAC, Jeppiar Institute of Technology, sriperumbudur held on 01.06.2020 and 02.06.2020.
6. Dr.V. Vijayalakshmi attended Two days online Faculty Development Programme on “ Recent Trends in Fourier Transform and Machine Learning, A mathematical approach organized by Department of Mathematics, KGiSL Institute of Technology, Coimbatore on 23.06.2020 & 24.06.2020
7. Dr.V. Vijayalakshmi attended Five days online Faculty Development Programme on “E- Pathshala, A platform for online learning, organized by Department of commerce, Shri Prince Venkateshwara Arts and Science College, Chennai held on 22nd June 2020.

8. Dr. V. Vijayalakshmi attended Two days online Faculty Development Programme on “Inategrating Swayam MOOC’s and Educational Apps in Teaching” organized by the IQAC and swayam, S.D.N.B Vaishnava college for women, chrompet Chennai 44 on 28.05.2020 and 29.05.2020.
- 9 Dr. V. Vijayalakshmi attended International Three days online Faculty Development Programme on “Fuzzy Mathematics and its Applications” organized by the Department of Mathematics, Government College, Daman on 11.07.2020 to 13.07.2020.
10. Dr. V. Vijayalakshmi attended International Five days online Faculty Development Programme on “Applications and Techniques in Mathematics” organized by the Department of Mathematics, Sai Ram Institute of Technology on 20.07.2020 to 24.07.2020.
11. Dr. V. Vijayalakshmi attended Ten days online Value added Courses on “Professional Grooming” organized by the Department of English Valliammai Engineering College, Chennai. on 6th July to 14th July
12. Dr. V. Vijayalakshmi attended Eight days online Value added Courses on “Machine Learning on Data Sciences and Analytics” organized by the Department of Information Technology Valliammai Engineering College, Chennai on 6th July to 14th July
13. Dr. V. Vijayalakshmi attended Two days online Faculty Development Programme on “Fixed Point Theory and Applications” organized by the Department of Mathematics, St.Joseph college of Engineering Chennai on 8,8,2020 and 9.8.2020

Reviewer :

1. V. Vijayalakshmi, acted as a Reviewer for the Journal “**Iranian Journal of Fuzzy Systems**” dated 22-10-2018.
2. Dr. V. Vijayalakshmi acted as a “Scrutinized the book Operations Research” in VR1 Publications dated 24.11.2020
3. Dr. V. Vijayalakshmi acted as a “Scrutinized the book Allied Mathematics II” in VR1 Publications dated 12.12.2020

Resource Person :

1. V. Vijayalakshmi delivered Guest Lecture on Resource Management Techniques at Valliammai Engineering College, June 2016.
2. Dr. V. Vijayalakshmi delivered Guest Lecture on “Optimization Techniques in Non Linear Programming Problem” for AICTE sponsored Short term training Program on “Modern Optimization Tools in Engineering Applications” season 4 organized by Department of EIE, SRM Valliammai Engineering College on 16.11.2020

Other Particulars

COURSES

1. Completed NPTEL online course Introduction to Probability and Statistics in the year 2018.
2. Completed NPTEL online course Introduction to Research in the year 2017.
3. Completed FOSS/IIT Bombay online course C language in the year 2017

Seminar/Conference/Workshop/ FDP Organized:

1. Organized “ One Day work shop on Recent Trends In Mathematics With Computer Applications

(RTMCA 2K14) 20th December 2014

2. Organized “National Seminar on Advances in Mathematical Sciences and Applications in Engineering and Technology” on December 2017.
3. Organized “National seminar on Recent trends in Mathematical Sciences and Applications” on December 2018.
4. Organized “ National Seminar on Mathematical Techniques and their Applications” on December 2019.
5. Organized online “ Five days Faculty Development Programme on Mathematics in Engineering and its Applications” on May 2020.
6. Organized National Webinar “Applications of Monotonic Function of Modelling in Real time data” on 20.9.2020

COURSES HANDLED :

All Engineering Mathematics Courses

Responsibilities

1. College Bus coordinator
2. Department Time table Coordinator
3. Department Association Coordinator
4. Department Website Incharge
5. Department Anna University/AICTE Nodal officer
6. ISO,NBA,NAAC supporting Incharge
7. Department IIC Incharge
8. Antiragging Committee Squad.
9. University Question Paper setter and Anna University Zone II Vice chairman for Mathematics Board
10. Any other activities...