

Dr.E.Geetha, Ph.D.

Assistant Professor

Department of Mathematics

Sri Chandrasekharendra SaraswathiViswa Mahavidyalaya (Deemed to be University)

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Personal

Age and D.O.B : 41 , 06-08-1982

Marital status : Married

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No.26, Nithyanandhar Nagar,
Kanchipuram 631502.

Education

TN-SET | 2016 | Mother Teresa Women's University, Kodaikanal

Ph.D | 2014 | Manonmaniam Sundaranar University, Thirunelveli

Mathematics- Fluid Dynamics

M.Phil | 2006 | Alagappa University, Karaikudi

Mathematics

M.Sc. with Distinction | 2005 | Arcot Sri Mahalakshmi College – Thiruvalluvar university

Mathematics

B.Sc.with Distinction | 2003 | Arignar Anna Govt.Arts College,Walajapet - University of Madras

Mathematics

Experience-16 years

Assistant Professor (Level-2)| Sri Chandrasekharendra SaraswathiViswaMahaVidyalaya, Kanchipuram | July, 2012-Present

Assistant Professor (Level-1) | Sri Chandrasekharendra SaraswathiViswaMahaVidyalaya, Kanchipuram | July,2007 –July, 2012

Lecturer | Arulmigu Meenakshi Amman College of Engineering | SEP, 2005-July, 2007

Academic Honors and Awards

Recognized research chair for guiding the Doctoral Degree in SCSVMV University, Kanchipuram

Professional Service

Research experience:

Ph.D: 2 (persuing)

M.Phil Guided: 22

M.Sc Project guided: 3

Reviewer for the following journals:

Journal of Physics and chemistry of solids- Elsevier

Journal of Molecular Modeling-Springer

Journal of Thermal Engineering

Peer Reviewed Publications (20)

1. **E.Geetha**, R.Muthucumarasamy., Radiation and chemical reaction effects on MHD flow past a linearly accelerated vertical plate with variable mass diffusion., *Elixir Mech. Engg.*, ISSN.No. 2229-712x, Vol.55, pp.12989-12995, 2013.
2. R.Muthucumarasamy, **E.Geetha.**, Chemical reaction effects on MHD flow past a linearly accelerated vertical plate with variable temperature and mass diffusion in the presence of thermal radiation., *Int. J. of Applied Mechanics and Engineering*, DOI: 10.2478/ijame-2013-.0044., vol.18, No.3, pp.727-737, 2013 with impact factor 1.372.(Scopus)
3. **E.Geetha**, R. Muthucumarasamy., MHD and chemical reaction effects on linearly accelerated vertical plate with variable temperature and variable mass diffusion in the presence of radiation, *International Journal of Mathematical Archive*, ISSN: 2229-5046, Vol.4, No.10 pp.293-306, 2013 with impact factor 4.091.
4. **E.Geetha**, R. Muthucumarasamy., MHD And Thermal Radiation Effects On linearly Accelerated Isothermal Vertical plate with chemical reaction of first order., *International Journal of Innovative Research in Science, Engineering and Technology.*, 2319-8753, Vol. 2, Issue 12., pp. No.7150-7160, 2013 with Impact factor 1.682
5. R.Muthucumaraswamy, **E.Geetha.**, "Effects of Parabolic motion on an Isothermal vertical plate with constant mass flux", *Ain Shams Engineering Journal*, Elsevier Journal, Vol. No.5, pp. No. 1317 – 1323, 2014.
6. **E.Geetha**, R. Muthucumaraswamy, "Free Convective Heat and Mass transfer Induced by a constant mass flux on a Parabolic started vertical plate with variable temperature" , *International Journal of Advanced Scientific Technologies in Engineering and Management Sciences*” , Vol. No. 2, Issue 6, June 2016.
7. **Geetha.E.**,Sharmila.R., Muthucumaraswamy.R., “Magneto Hydrodynamic effects on a transient nanofluid past over an vertical plate”, *International Journal of Materials Science* ISSN 0973-4589 Volume 12, Number 2, 2017.
8. **E.Geetha** ,R.Muthucumaraswamy , M.Kothandapani, “Effects of thermal radiation on an unsteady nanofluid flow past over an vertical Plate”, *International Journal of Pure and Applied Mathematics* Volume 113 No. 9, October 2017, 38 – 46 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version). (Scopus)

9. **E.Geetha**, S.Sarala, M.Nirmala, “Consequences of thermal radiation on an unsteady nanofluid Titanium dioxide flow past over a vertical plate”, International Journal of Pure and Applied Mathematics, Volume 116 No. 23 October 2017, 53-59 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version). (Scopus)
10. **E.Geetha**, R.Muthucumaraswamy, M.Kothandapani, “Effects of magnetohydrodynamics of unsteady natural free convective flow of nanofluid on a vertical porous plate”, International Journal of Pure and Applied Mathematics, Volume 116 No. 23 October 2017, 79-86 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version). (Scopus)
11. **E.Geetha**, M. Anushalini, R.Muthucumaraswamy, “Impact of thermal radiation on an unsteady copper water nanofluid flow past over an infinite vertical plate with variable temperature”, Mathematical Sciences International Research Journal, Volume no. 7, Issue 1, Feb 2018.
12. **E.Geetha**, “Effects of thermal radiation of an unsteady convective Al₂O₃ nanofluid flow past on vertical plate in a porous medium”, Mathematical Sciences International Research Journal, Volume no. 7, Issue 1, Feb 2018.
13. **E.Geetha**, “Effects of heat transfer of an unsteady nanofluid flow past over an isothermal vertical plate in the presence of thermal radiation”, Mathematical Sciences International Research Journal, Volume no. 7, Issue 1, Feb 2018.
14. **E.Geetha**, A.Janagiraman, “Magnetohydrodynamic effects on a transient Al₂O₃ nanofluid past over an vertical plate”, Mathematical Sciences International Research Journal, Volume no. 7, Issue 1, Feb 2018.
15. **E.Geetha**, R.Nirmala, “The Dufour effect of Cu – Water nanofluid flow on free convective heat and mass transfer of an infinite isothermal vertical plate in the presence of radiation and chemical reaction”, A Journal of Composition theory, September 2019, ISSN 0731-6755 Vol. XII issue IX pp:124 – 135.
16. **E.Geetha**, S.Sarala, R.Nirmala “Numerical investigation of heat transfer & hall effects on MHD nanofluid flow past over an oscillating plate with radiation”, Journal of Thermal Engineering, Vol. 8, No.6, pp. 1-15, Nov 2022 with impact factor 1.59, ISSN. NO. 21487847(SCOPUS)
17. S.Sarala, **E.Geetha**, M.Mageswari, M.Radha Madhavi, “Effects of Heat and Mass transmission with radiation on MHD nanofluid flow past over an oscillating plate using Chemical reaction”, AIP Conference Proceedings, 2707, 030011-1–030011-14; <https://doi.org/10.1063/5.0143693>, May 2023.(SCI)
18. T. Nirmala , M. Kumar, P. Swarnamughi , P. Manikandan, E. Geetha, A. Manikandan , S. Muthu, “Spectroscopic, molecular structure electronic topology surface and pharmaceutical investigation of 1-[(4-Chlorophenyl) methyl]-1H-indole-3-carboxaldehyde by quantum computation-Prediction of antitumor activity” , Chemical Physics Impact 8 (2024) 100513.(SCOPUS)
19. S. Durgadevi, C. Venkataraju, Malik Nasibullah, Mohd Asif, Bhoopendra Tiwari, A. Manikandan, E. Geetha, S. Muthu , “Quantum computational, molecular structure, experimental spectra, and molecular docking studies on (S)-3-benzyl-5-(phenylselanyl)-6-(p-tolyl)-3,4-dihydropyran-2-one”, Chemical Physics Impact 8 (2024) 100482.(SCOPUS)
20. G. Kanimozhi, S. Tamilselvan, A. Saral, S. Kaleeswaran, E. Geetha, A. Manikandan, S. Muthu, “Molecular structure elucidation -Quantum computational approach, Solvent impact analysis, topological investigation and Molecular docking of N -[2-(7-methoxynaphthalen- 1 -yl) ethyl] acetamide” , Chemical Physics Impact 8 (2024) 100539.(SCOPUS)

Conference Proceedings:

1. **E.Geetha**, R. Muthucumaraswamy, “Skin Friction analysis on Thermal Radiation Effects on Linearly Accelerated Vertical Plate with Chemical Reaction and MHD”, International Conference on Recent Advances in Technology, Engineering and Science’ (ICRATES’16) ISBN: 978-93-5258-740-7, July 2016.
2. S.Sarala, **E.Geetha**, “Influence of Heat transfer and Hall effects on MHD nanofluid flow past over an Oscillating plate with Radiation”, Proceedings of International Conference on Research trends in Mathematics – 2020, August 25 -26, 2020, organized by Division of Mathematics, School of Advanced Sciences, VIT, Chennai.

Paper Presented in Conferences:

1. Presented a paper titled “Some Theoretical studies of Heat and Mass Transfer on Parabolic started vertical plate with uniform mass flux” in International conference on “Computational Systems in Engineering and Techology (ICCSET 2014) at Sri Venkateswara College of Engineering, Sriperumbudur on March 2014.
2. Presented a paper titled “Skin Friction analysis on Thermal Radiation Effects on Linearly Accelerated Vertical Plate with Chemical Reaction and MHD”, International Conference on Recent Advances in Technology, Engineering and Science’ at C.Abdul Hakeem College of Engineering, Melvisharam, July 2016.
3. Presented a paper titled “Effects of thermal radiation on an unsteady nanofluid flow past over an vertical plate”, National Conference on Mathematical techniques and their applications, SRM University, Chennai, January 2017.
4. Presented a paper titled “Magneto Hydrodynamic effects on a transient nanofluid past over an vertical plate”, International conference on Functional Materials (ICFM – 2017) on March 2 – 3, 2017 by Department of Physics, SCSVMV.
5. Presented a paper entitled “ Effects of Magnetohydrodynamics of unsteady natural free convective flow of nanofluid on a vertical porous plate”, in International conference on contemporary approaches in mathematics an emerging engineering trends (ICCAMEET – 2017) organized by Department of Mathematics, Aarupadai Veedu institute of technology on 4th and 5th May 2017.
6. Presented a paper titled “Consequences of thermal radiation on an unsteady nanofluid Titanium dioxide flow past over a vertical plate”, National conference on Federated Computing in Information reality and Mathematical Sciences on 7th September 2017at Annai Velankanni’s College for Women, Saidapet, Chennai – 15.
7. Presented a paper titled “Effects of thermal radiation of an unsteady convective Al_2O_3 nanofluid flow over a vertical plate in a porous medium”, in International Conference on Pure and Applied Mathematics organized by Department of Mathematics at SCSVMV on 19th and 20th February, 2018.
8. Presented a paper titled “Magnetohydrodynamics effects on a transient Al_2O_3 nanofluid past over a vertical plate” in International Conference on Pure and Applied Mathematics organized by Department of Mathematics at SCSVMV on 19th and 20th February, 2018.
9. Presented a paper titled “Effects of heat transfer of an unsteady nanofluid flow past over an isothermal vertical plate in the presence of thermal radiation” in International Conference on Pure and Applied Mathematics organized by Department of Mathematics at SCSVMV on 19th and 20th February, 2018.

10. Presented a paper titled “Impact of thermal radiation on an unsteady copper – water nanofluid flow past over an infinite vertical plate with variable temperature” in International Conference on Pure and Applied Mathematics organized by Department of Mathematics at SCSVMV on 19th and 20th February, 2018.
11. Presented a paper titled “Historical development of fluid dynamics” in Annual conference on History and development of Mathematics from 27th to 29th November 2018.
12. Presented a paper titled “Heat and Mass transfer effects of Cu – Water nanofluid flow on an infinite isothermal vertical plat in the presence of radiation and chemical reaction” in 2ndInternational Conference on Pure and Applied Mathematics organized by Department of Mathematics at SCSVMV on 17 – 19, December 2018.
13. Presented a paper titled “Impacts of Thermal radiation on MHD unsteady nanofluid Cu – water flow past over an infinite vertical porous plate” in National conference on applied mathematics and its applications (NCAMA – 2019) organized by department of Mathematics, Sacred Heart college, Thirupattur during 6th – 7th, February, 2019.
14. Presented a paper “The Dufour effect of Cu – Water nanofluid flow on free convective heat and mass transfer of an infinite isothermal vertical plate in the presence of radiation and chemical reaction“ in the International conference on Relevance of Mathematics in Real Life Scenario on 9th September 2019, organized by Vidyasagar Women’s College at Chengalpattu.
15. Presented a paper " Ramifications of Hall current, heat and mass transfer on MHD nanofluid flowpast over an oscillating permeable vertical plate with radiation and chemical reaction" on "International virtual conference on organized by smart advanced material science and engineering applications, on 3rd – 5th December, 2020 organized by KL University, Kuntur.
16. Presented a paper "Effects of heat and mass transfer of nanoparticles in an impulsively started vertical plate" on "International virtual conference on organized by smart advanced material science and engineering applications, on 3rd – 5th December, 2020 organized by KL University, Kuntur.
17. Presented a paper entitled “Thermal energy and mass transfer effects on MHD nanofluid flow over an oscillating plate with radiation” in the “International virtual conference on Mathematical and Computational Models – ICMCM21” organized by the Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu and Department of Mathematics, Kongunadu Arts and Science college, Coimbatore, Tamilnadu from 29.10.2021 to 30.10.2021.
18. Presented a paper entitled “Impact of Heat and Mass Transfer on MHD flow of nanofluid over an impulsively started infinite vertical plate” in the “International virtual conference on Mathematical and Computational Models – ICMCM21” organized by the Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu and Department of Mathematics, Kongunadu Arts and Science college, Coimbatore, Tamilnadu from 29.10.2021 to 30.10.2021.
19. Presented a paper entitled “Effect of MHD Heat and Mass transfer flow of an nanofluid over an impulsively started vertical plate with Chemical reaction” in the 3rd e- International Conference on “Interdisciplinary approaches in Science, Engineering and Humanities (ICIASEH – 2022), organized by Department of Applied Science,

Sagar Institute of Research and Technology – Excellence - Bhopal from 29.7.2022 – 30.7.2022.

20. Presented a paper entitled “Outcomes of Thermal Radiation and Hall current on Oscillating Plate with MHD nanofluid flow in enhanced temperature” in the 3rd e-International Conference on “Interdisciplinary approaches in Science, Engineering and Humanities (ICIASEH – 2022), organized by Department of Applied Science, Sagar Institute of Research and Technology – Excellence - Bhopal from 29.7.2022 – 30.7.2022.

Book Chapters Published:

- **Dr.E.Geetha**, has published an article “Effects of Chemical reaction on MHD flow past a linearly accelerated isothermal vertical plate with Radiation” in ‘Mathematical Sciences’, Published by ESN Publications, Aruppukottai Taluk, Virudhunagar District, Tamilnadu, India, ISBN: 978-9390781-54-6, Vol(1) pp. 13-21, Dec 2022.
- **Dr.E.Geetha**, has published an article “Effects of Thermal Radiation on Convective nanofluid flow over a vertical plate” in ‘Mathematical Sciences’, Published by ESN Publications, Aruppukottai Taluk, Virudhunagar District, Tamilnadu, India, ISBN: 978-93-90781-62-1, Vol(2) pp. 1-11, Dec 2022.

Workshop Attended:

1. Attended UGC sponsored workshop on Hindi - Introduction, Conversation & Review at SCSVMV University on 30.03.2009.
2. Attended a National Workshop on Modern Techniques in Analytical Chemistry, Organized by the Department of chemistry, SCSVMV University on February 10-11, 2011.
3. Attended Workshop on Linear Programming with Excel conducted by Department of Science and Humanities, SCSVMV on 23.04.2012 and 24.04.2012.
4. Attended a "National workshop on Mathematical and Computational modelling" organized by the Jeppiar institute of technology, Chennai, during the period 27.04.2012 to 28.04.2012.
5. Participated in the National Level Workshop on “Recent Advance in Mathematical Computing” organized by the School of Advance Sciences ,Mathematics Division, VIT- Chennai on 30.11.12 & 01.12.12
6. Participated in the National Level Workshop on”Writing scientific proposals and for Quality Research” organized by Department of Science and Humanities, SCSVMV on 14th, February,2013.
7. Participated in the Workshop on Matlab Programming on 6thSeptember 2013, organized by the Department of Mathematics, SCSVMV University, Enathur, Kanchipuram.
8. Participated in the National Workshop on LaTeX for Researchers organized by the department of Mathematics in Collaboration with the Department of Computer science&Applications,during February 15-16, 2014 at SCSVMV University.

9. Participated in Confab & Workshop on “Women for Quality life” organized by Faculty of Management studies, Commerce and Human Resources at SCSVMV University on 23rd April 2016.
10. Participated in International workshop on “ Doing Business in the U.S. – crossing the cultural divide” organized by Faculty of Management studies, Commerce and Human Resources at SCSVMV University on 24th May 2016.
11. Participated in National workshop on “ Research Methodology and data analysis using R” organized by Computer science and its applications at SCSVMV University on 10-11 Feb 2017.
12. Participated in workshop on “MATLAB for Researchers” organized by Department of Mathematics at SCSVMV University on 12th Feb 2017.
13. Participated in National workshop on “Computational Mathematics” organized by Department of Mathematics at Anna University, Chennai on 2-8 March 2017.
14. Participated in Workshop on Research, Innovation & Intellectual property rights organized by Department of computer science, SCSVMV on 24.03.2017.
15. Participated in National workshop on “MATLAB in Applied Sciences” organized by Department of Mathematics at SCSVMV University on 15th and 16th September 2017.
16. Participated in “Web Training programme on urkund: Antiplagiarism Software” organized by SCSVMV Library on 16th November 2017.
17. Participated in workshop on “Research Methodology and Data analysis using SPSS tools” organized by Department of commerce and computer applications at Thiruvalluvar constituent college of arts and science, Attupakkam on 22nd and 23rd February 2018.
18. Attended one day workshop on “Investment avenues and its Tax benefits” organized by Department of Management studies, commerce and human resources on 27th March 2018.
19. Attended a Workshop on “Electronic circuits and projects” organized by Department of Physics, SCSVMV on 02nd April 2018.
20. Attended an International workshop on “Graph theory and its applications” organized by the Department of Mathematics, SCSVMV on 20 & 21, December 2018.
21. Attended a Three Days workshop on “SPSS for the Beginners”, organized by the Department of English, SCSVMV on August 5 – 7, 2019.
22. Attended a Workshop on “Basics of Vedic Mathematics”, organized by the Department of Mathematics, SCSVMV on September 3 – 5, 2019.
23. Participated in five days online workshop on “ Mathematical Sciences for CSIR – NET/ SET/ GATE” organized by Department of Mathematics, Sree Narayana guru college, Coimbatore from 11th may to 15th May 2020.
24. Participated a online workshop on “ Mathematical sciences for CSIR – UGC Net Aspirants” organized by PG and Research Department of Mathematics, St.Mary’s College, Thoothukudi from 19th to 23rd May 2020.
25. Attended the online workshop on “ Data Analysis using SPSS” organized by the department of Mathematics, The American College, Madurai from 28th may to 30th May 2020.
26. Attended the online workshop on “Innovative practices and modern methods in teaching & learning of mathematics education” on 16.7.2021, organized by Department of Mathematics, Rathinam College of Arts and Science, Coimbatore.
27. Participated in national workshop on “Recent advances and computational tools in Mathematics & Research” on 22 -23. 7.2021, organized by Department of Applied Science, SAGAR Group of Institutions.

28. Attended three days national e – workshop on “SAGEMATH” on 22 – 24.7.2021, organised by Thassim Beevi Abdul Kadar college for women, Kilakarai, Ramanathapuram.
29. Participated in two days national level workshop on “ SageMath for calculus” held on 5th – 6th August 2021, organized by PG & Research, Department of Mathematics, Dwaraka Doss Goverdhan Doss Viashnav college, Chennai.
30. Participated in “Third national workshop on Linear Algebra” on 05.8.2021 – 6.8.2021, organized by Department of Mathematics, SSN college of Engineering, Kalavakkam.
31. Participated in “National workshop on Introduction to R-Programming” on 3.2.2022 – 5.2.2022, organized by Department of Mathematics, Kai.Rasika Mahavidyalaya, Deoni.
32. Participated in “Two days workshop on R for statistics and Data analytics” on 16.2.2022 – 17.2.2022, conducted by school of advanced sciences, VIT Chennai.
33. Participated in a one day online national workshop on “Data Science and Machine Learning”, organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai on 27.8.2022.
34. Participated in International workshop on “Integrated approaches stochastic modeling and Data Science for Sustainable development” during 7.9.2022 – 11.9.2022, organized by Department of Statistics S.V.University jointly organized with Indian Society for Probability and Statistics.
35. Participated in a one day online national workshop on “Current Research Scenario in Mathematics”, organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai on 14.10.2022.
36. Participated in the workshop on “Introduction to math computing to Sagemath”, Organized by Department of Mathematics, University of Calicut during 08.12.2022 – 24.12.2022 through online mode.
37. Participated in Three days International virtual workshop on “Applied Mathematics” Organized by the Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai – 18, from 06.02.2023 – 08.02.2023.
38. Participated in National Workshop on Graph Theory, organized by the Department of Mathematics, Muthayammal Engineering College, Rasipuram, Namakkal from 17.2.2023 – 18.2.2023.
39. Participated in NPTEL E-Awareness workshop, organized by IQAC, SCSVMV on 17.7.2023.
40. Participated in Online workshop on “Preparing Research Paper” on 20.8.2023, organized by Universal Teachers Academy and Senthil College of Education, Puducherry.
41. Participated in “Ideation workshop on Patent filing and Research proposal writing” organized by Department of Mathematics, Rathinam College of Arts and Science, Coimbatore on 30.9.2023.
42. Participated in “One Day National Workshop on Converting Academic Research to Patents” Organized by the Department of Maechnical Engineering, SCSVMV on 09.02.2024.

Conference /Seminar Attended:

1. Attended a National Seminar on Graph theory, Algorithms and Networks/Systems, organized by the department of Computer Science and Engineering, SCSVMV on 20.07.2009 and 21.07.2009.
2. Attended a National Seminar on Emerging Trends and Challenges in Higher Education in India organized by the School of Education, SCSVMV on 21.8.2009.
3. Attended a National Seminar on Emerging Research Trends in Basic Sciences, organized by Department of Science and Humanities, held at SCSVMV on 9.03.2010.
4. Participated in the International Conference on Emerging Interfaces of Physical Sciences by the University of Rajasthan, Jaipur during 22 – 24, December, 2010.
5. Participated in National conference on Network and distributed systems security, organized by Department of computer science and engineering, SCSVMV on 20 – 21 January 2011.
6. Attended a lecture on “Elliptic Curve Cryptography” organized by the Department of Science and Humanities, SCSVMV on 29.02.2012.
7. Attended a National Seminar on Practical Mathematics and Statistics, Sri Sankara Arts & Science College on 07.03.2012 and 08.03.2012.
8. Attended an International Conference on Mathematics in Engineering and Business Management” organized by Stella Marris college and Loyola Institute of Business administration, Chennai on 09.03.2012 and 10.03.2012.
9. Participated in International Seminar on “Impact of Electromagnetic Radiation on Humans” organized by Department of EEE, held at SCSVMV on 06.05.2016.
10. Participated in national Seminar on “Emerging Trends in Pure and Applied Mathematics” organized by Department of Mathematics, held at SCSVMV on 24.02.2017.
11. Attended the talk on “The Power of Mathematics” organized by the Department of Mathematics, SCSVMV on 23.3.2018
12. Attended an International seminar on “Astronomical Mathematics – 2019” organized by the department of Mathematics, SCSVMV on 31.11.2018.
13. Attended an International seminar on “Complex Analysis – 2019” organized by the department of Mathematics, SCSVMV on 22.03.2019.
14. Participated in the webinar on “ Numerical methods for Heat transfer problems” organized by the Department of Mathematics, School of Science and Humanities, Kongu Engineering College, Perundurai, Erode on 26.06.2020.
15. Participated in the one day IQAC webinar on “Introduction to LATEX” organized by PG Department of Mathematics, Loganatha Narayanasamy Government college, Ponneri, Tiruvalluvar on 28.05.2020.
16. Attended in national webinar on “ Applications of PDEs in Aeroacoustic simulations” organized by the Department of Applied Mathematics, Sri Venkateswara College of Engineering, Sriperumbudur on 1st August 2020.
17. Attended in national webinar on “Awareness of National Education Policy 2020” organized by SCSVMV on 27th September 2020.
18. Participated in one day national webinar on “Engineering & Statistics: New Avenues in the data world” organized by Department of Mathematics, Kongu Engineering college, Erode on 7th October, 2020.
19. Participated in one day webinar on “Graph matching approach towards women cancer” organized by PG & Research development of Mathematics, TBML college, Porayar, Tamilnadu.

20. Attended national level webinar on “Recent trends in Statistical theory and Applications” on 8th and 9th July. 2021, organized by Department of Mathematics, Rathinam College of Arts and Science, Coimbatore.
21. Participated in one day webinar on “Career opportunity for Mathematician post covid-19” on 10.7.2021, organized by Department of Mathematics, Rathinam College of Arts and Science, Coimbatore.
22. Participated in webinar series on “iyarkaikaga oru mani neram” on 18.7.2021, organised by National service scheme and nature club of Rathinam College of Arts and Science, Coimbatore.
23. Participated in webinar titled “ Food for healthy life” on 21.7.2021, organised by National service scheme and nature club of Rathinam College of Arts and Science, Coimbatore.
24. Attended in webinar “Introduction to Patents” on 24.7.2021, organized by department of computer science and engineering and SOLUTIONS4URIP, SCSVMV.
25. Attended a special lecture “Complex Analysis and it applications with respect to mathematical software” on 24.7.2021, organized by Department of Mathematics, Rathinam College of Arts and Science, Coimbatore.
26. Participated in the webinar “Development of governing equations of fluid flow” on 2.8.2021 and 3.8.2021, organized by Department of Mathematics, KPR Institute of engineering and technology, Coimbatore.
27. Participated in the webinar in “Relevance of Mathematics in Control systems” on 7.8.2021, organised by KPR Institute of engineering and technology, Coimbatore.
28. Attended a webinar on “Artificial Intelligence and Machine learning for industry applications” on 27.10.2021, organized by Department of Mathematics, Rathinam College of Arts and Science, Coimbatore.
29. Attended a webinar on “Fuzzy modeling in Multi criteria Decision Making” on 18.12.2021, Organized by the department of Mathematics, Kongu Engineering college, Perundurai.
30. Participated in “Writing & Publishing Scientific Articles” Organized by SCSVMV Enathur on 01.07.2022.
31. Attended a webinar on “Basics of Intellectual properties” on 5.8.2022, organized by IPR cell and Institutions innovation council (ICC), Sacred Heart College, Thirupattur.
32. Attended NAAC sponsored Two days state level seminar on “National Education Policy: Quality enhancement and Reforms in Higher Education Institutions” organized by Internal Quality Assurance cell, Sri Ramakrishna Engineering College, Coimbatore, during 04 – 05.8.2022.
33. Participated in Webinar on “Barriers to effective communication” organized by Department of English, SCSVMV on 20.8.2022.
34. Participated in “An Online Seminar on Econometric and Environmental Statistics” organized by the Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai on 24.11.2022.
35. Participated in Webinar on “Design skills of AI – An innovative and entrepreneurial ecosystem” organized by Department of Functional Mathematics, SIMATS School of Engineering, Thandalam, Chennai 602 105 on 29.11.2022.
36. Participated in “Recent Emerging Trends of Research in Mathematics” organized by Division of Mathematics, School of Advanced Sciences, VIT, Chennai from 27.3.2023 – 31.3.2023.
37. Participated in one day national webinar on “Current Status in Higher Education in India: Perspective, Issues and Approaches” Organized by Research Cell, Government College (Constituent College) Jewar, Gautam Buddh Nagar on 26.7.2023.

38. Participated in one day national webinar on “Current Status in Higher Education in India: Perspective, Issues and Approaches – Part III” Organized by Research Cell, Government College (Constituent College) Jewar, Gautam Buddh Nagar on 4.8.2023.
39. Participated in an International webinar on “Emerging trends in mathematics and its real world applications” organized by Department of Science and Humanities, Swarnim institute of technology, Swarnim startup and innovation university, Bhoyan Rathod, Gandhi nagar on 8.8.2023.
40. Participated the online Webinar on “Sustainability Issues on Setting of Semiconductors” Organized by IEEE Computer Society Student Branch Chapter, Alliance University, Bangalore in Association with Rotary Club of Global Scholars RID : 2982 on 10th January 2024.
41. Participated in the NEP Sensitization Programme on “Harnessing Power of Technology for Effective Teaching and Learning”, organized by the Department of Electronics and Instrumentation Engineering, Sri Chandrasekharendra Saraswathi Viswa MahaVidyalaya, Enathur, Kanchipuram-631561 on 16.3.2024

Conference Organizing as Secretary:

- National Seminar on “Emerging Trends in Pure and Applied Mathematics” organized by Department of Mathematics, held at SCSVMV on 24.02.2017
- International Conference on Pure and Applied Mathematics organized by Department of Mathematics at SCSVMV on 19th and 20th February, 2018.
- International day of Mathematics at SCSVMV on 25.3.2024

Orientation Program Attended:

- Attended the common orientation program sponsored and organized by SCSVMV University, as a part of FDP initiative from 22nd Jan 2009 to 25th Jan 2009.

Quality Enrichment Program Attended:

- Attended “Quality Enrichment Program - II” on 20th Sep 2016 conducted by Dept. of Mathematics, SCSVMV.
- Participated in “Quality Enrichment Programme – III” organized by Department of Mathematics at SCSVMV University on 27th October 2017.

Resource Person:

- Acted as a Resource person for the workshop on “MATLAB for Researchers” organized by Department of Mathematics at SCSVMV University on 12th Feb 2017.
- Acted as a Resource person for “Quality Enrichment Programme – III” organized by Department of Mathematics at SCSVMV University on 27th October 2017.
- Acted as a Chair person in “International Conference in Pure and Applied Mathematics” organized by Department of Mathematics at SCSVMV on 17th – 19th December 2018.
- Acted as a Chief guest for the Mathematics Department Association, conducted by Department of Mathematics, Dr.Puratchi Thalaivar MGR arts and science college, Uthiramerur on 23.01.2019.
- Acted as a resource person “ Two weeks introductory course on Vedic Mathematics” conducted by Department of Mathematics, SCSVMV during 11.5.2022 – 26.5.2022.

- Acted as a resource person in DRDO sponsored Two days workshop on “Heat and Mass Transfer Analysis in Nanofluid and Hands – on Training with CFD Ansys Fluent Software” Organized by Department of Applied Mathematics in association with Department of Mechanical Engineering, Sri Venkateswara College of Engineering, Sriperumbudur on 26.3.2024 – 27.3.2024.

Faculty Development Program Attended:

- Attended a Faculty Development Program organized by Department of Science and Humanities, SCSVMV on 18.02.2012 and 19.02.2012.
- Participated in faculty development webinar on “ Online Teaching tools post covid-19” organized by the department of electronics and instrumentation engineering, SCSVMV, Kanchipuram in association with Codegnan It Solutions, Vijayawada on 29th may 2020.
- Participated in five days online FDP on "Statistics using R-Programming" on October 5 - 9, 2020, organized by Kongu Engineering College, Perundurai, Erode.
- Attended the Online FDP on "Concepts of Applied Thermodynamics, Finite Element Analysis and Professional ethics" on December 7 - 12, 2020, organized by SRM Valliammai Engineering College, Kattankulathur.
- Participated in International online workshop on “Documentation through Latex” on June 18th – 22nd, 2021, organized by Global Institute of Statistical solutions.
- Participated in “one week international FDP on Applicable Mathematics and programming in Science and Technology” on 7-6-2021 to 12-6-2021, organized by Mohamed Sathak A J College of Engineering, Chennai.
- Participated in one week online National level faculty development program on “Role of Mathematics in Latest Engineering Trends” organized by Lords Institute of Engineering and Technology, Hyderabad on 4-6-2021 to 10-6-2021.
- Participated in five days national FDP in “Modern methods for effective teaching and learning” on 17.8.2021 – 21.8.2021, organized by All India Teachers Association and Department of Mathematics, Rathinam College of Arts and Science, Coimbatore
- Participated in three days national FDP on “Statistical thought Processing” organized by Aurora’s Degree & PG College, Hyderabad on 4.10.2021 – 6.10.2021.
- Participated in three days faculty development program on “The essence of mathematics in engineering”, organized by Department of Mathematics, Muthyammal engineering college, Rasipuram, Namakkal on 14.3.2022 – 16.3.2022.
- One week National level Online FDP on “Recent Trends of Mathematics for Engineers and Scientists” Organized by GUNI, Department of mathematics, Ganpat University, during 25.7.2022 – 30.7.2022.
- Participated in one week International Faculty Development Programme on “ Innovative Mathematical Techniques in Research” organized by Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai during 1.8.2022 – 6.8.2022.
- Participated in International Faculty development Programme on “Mathematical modelling of Biosystems with special focus on epidemiology” held at Mizoram university during 22.8.2022 – 27.8.2022.
- Participated in Three days online FDP on “Research Trends in Computational Fluid Dynamics” organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai on 28.9.2022 – 30.9.2022.

- Participated in one week online FDP on “Recent Research Area and Its applications in Mathematics” Organized by Department of Mathematics, Vel Tech Multi Tech during 10.10.2022 – 15.10.2022.
- Participated in 3 day online FDP on “Differential Equations & its Applications” organized by Division of Mathematics, school of Advanced Sciences, VIT, Chennai, from 3.2.2023 to 5.2.2023.
- Participated in 5 day online FDP on “Operations Research through R and Python” organized by Division of Mathematics, school of Advanced Sciences, VIT, Chennai, from 16.6.2023 to 20.6.2023.
- Participated in 5 day online FDP on “Emerging Trends of Thermofluids in Energy systems” organized by Division of Mathematics, school of Advanced Sciences, VIT, Chennai, from 17.6.2023 to 21.6.2023.
- Participated in 5 day online FDP on “Advances in Real Analysis” organized by Division of Mathematics, school of Advanced Sciences, VIT, Chennai, from 26.6.2023 to 30.6.2023.
- Participated in Online Faculty Development Program (FDP) on “New Teaching Learning Trends in Higher Education” on 30st June to 05th July 2023 Organized by the Faculty of Arts & Social Work in association with IQAC, Shri Sai Baba Aadarsh Mahavidyalaya Ambikapur ,Surguja, Chhattisgarh.
- Participated in one week international FDP on “Mathematics in Real, Applied and Computational Domains” organized by the Department of Mathematics, school of Science and Humanities, Sathyabama Institute of Science and technology, Chennai from 3.7.2023 to 8.7.2023.
- Participated in a Five Day International Faculty Development Program on “Applications of Mathematics in Various Fields with Innovative Approaches” organized by the Department of Mathematics, Bapatla Engineering College Bapatla (Autonomous) held from 21-11-2023 to 25-11-2023 through virtual mode,
- Participated in a Online FDP on “Empowering Educators: Strategies for Holistic Teaching and Professional Growth” held from 18-12-2023 to 22-12-2023 organised by IQAC, Sri Malolan College of Arts and Science (Affiliated to University of Madras) Mocheri Road, Madurantakam, Chengalpet Dt - 603306, Tamilnadu, India.

Acted as Editor:

- Organizing secretary for National Seminar on “Emerging Trends in Pure and Applied Mathematics” held at SCSVMV on 24.02.2017
- Department Newsletter – Ganitha Vaartha (2017-2018), SCSVMV.
- Class coordinator 2016 – 2017 (Even semester)
- Department Library in charge (2017-2019)
- BOS member (2017-2019)
- Amazing world of Math – (2017 - 2018), SCSVMV
- Department admission work
- Organizing secretary for International Conference on Pure and Applied Mathematics organized by Department of Mathematics at SCSVMV on 19th and 20th February, 2018.

- Conference Proceedings – ICPAM –I, (2018) SCSVMV.
- Prepared AQAR for NAAC 2022.
- ICPAM – II (2018), SCSVMV
- Class Coordinator 2021 – 2022(ODD Semester)
- Preparation of Department profile – 2021 – 2022.
- Preparation of Newsletter - Ganitha Vaartha (2021 - 2022), SCSVMV.
- NAAC -2023 department files preparation work.
- Mentor for students
- Preparation of AQAR (2022 – 2023)
- Acted as an event coordinator for the event debate on the eve of International Mathematics Day.(2022 - 2023)
- Invigilation duty allotment work for university theory examination (Even semester – II & III year, MBA examinations 2022 - 2023)
- Additional chief for university theory examination (even semester MBA 2022-23)
- Meeting coordinator – Parents teachers meeting 2023 – 2024.
- IQAC coordinator 2023 – 2024.
- Class Coordinator 2023 – 2024(ODD Semester)
- Syllabus updating work for B.Sc Mathematics (2023)
- Syllabus updating work for B.Sc Computer Science (2023)
- Syllabus updating work for B.E. ECE.(2023)

Acted as BOS Member:

- Acted as a BOS Member in the academic year 2017 – 2019 for revising the syllabus of B.E / B.Tech/ B.Sc/ M.Sc/ M.Phil courses in SCSVMV.

Software Skills:

- Matlab
- Sage

Manual Preparation:

- Operations Research Using EXCEL
- SAGE for Applied Mathematics

Member of Professional Bodies:

- Indian Mathematical Society, NewDelhi.
- Indian Society of Industrial and Applied Mathematics
- The Association of Mathematics Teachers of India

NPTEL-AICTE ONLINE COURSE

- Completed Online certificate course in “INTRODUCTION TO FUZZY SET THEORY, ARITHMETIC AND LOGIC” during the period july to October 2022 and scored 62% with a grade “ELITE”.
- Completed Faculty development Programme in “INTRODUCTION TO FUZZY SET THEORY, ARITHMETIC AND LOGIC” during the period july to October 2022 and scored 62%.