

Name: Dr. S. VIGNESHWARAN
Designation: Assistant Professor
Department: Mathematics (Management)
Date of Joining: 01-07-2019



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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
B. Sc	Mathematics	The American College, Madurai	2013
M. Sc	Mathematics	The American College, Madurai	2015
Ph. D	Mathematics	Madurai Kamaraj University, Madurai	2020

Specialisation in Teaching: Algebra, Numerical Analysis, Operation Research, Differential Equations.

Specialisation in Research: Nonlinear Differential Equations.

Research Interests: Mathematical Physics.

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor	Arul Anandar College, Karumathur, Madurai.	January 2019 - March 2019
Assistant Professor	The American College, Madurai.	July 2019 – Till Date

Administrative /Academic Position/s (held/currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
N. S. S Programme officer – Main Campus(Unit 6)	December 2020 – August 2022
N.S.S Programme officer – Satellite Campus	December 2020 – Till Date
President – Mathematics Department Association	June 2022 - May 2023

Articles Published in International Journals:

1. Published the paper of the title is “A NOTE ON EXACT TRAVELLING WAVE SOLUTION TO SOME NONLINEAR EVALUATION EQUATIONS” by Journal of International Multidisciplinary Research Foundation (IMRF) ISSN:2278-8697, Vol. 6, No.58, 344-349 (Special Issue of 2017).
2. Published the paper of the title is “SIMILARITY REDUCTIONS AND INTERMEDIATE INTEGRALS OF THE PHI-FOUR EQUATION” by Journal of Ultra Scientist of Physical Sciences (Section A), ISSN:2231-346X, Vol. 30(4), No.2, 239-246 (2018).
3. Published the paper of the title is “EXACT SOLUTIONS FOR A COMPOUND KDV-BURGERS EQUATION WITH FORCING TERM ”by International Journal of Mathematics Trends and Technology (IJMTT), ISSN:2231-5373, Vol-56, Issue-5, 320-330 (2018).
4. Published the paper of the title is “EXACT SOLUTIONS FOR SOME NONLINEAR DIFFERENTIAL EQUATIONS WITH VARIABLE COEFFICIENTS” by Journal of Applied Science and Computations (JASC), ISSN:1076-5131, Vol-VI, Issue-IV, 1181-1192 (2019).

Conference/Seminar Presentations:

1. Presented a paper in the International Conference on Advance in Mathematics and computer science with a paper titled “A NOTE ON THE EXACT TRAVELLING WAVE SOLUTION TO SOME NONLINEAR EQUATIONS” at V.V.Vanniaperumal College for women, Virudhunagar, Tamilnadu, India on December 2017.
2. Presented a paper in the International Conference on Algebra and Discrete Mathematics with the paper titled “NEW EXACT SOLUTIONS TO K-DV TYPE EQUATIONS” at Department of Mathematics , Directorate of Distance Education, Madurai Kamaraj University, Madurai, Tamilnadu on January 2018.
3. Presented a paper in the International Conference on Recent Advances in Pure and Applied Mathematics with the paper titled “EXACT SOLUTIONS FOR SOME NONLINEAR DIFFERENTIAL EQUATION WITH VARIABLE COEFFICIENTS” at Department of Mathematics , Arul Anandar College, Karumathur, Madurai on February 2019.
4. Participated in the online Faculty Development Program on “Fuzzy Logic” organised by the Department of Mathematics, Kristu Jayanti College, Bengaluru held on 9th May, 2020.
5. Participated in the Online Workshop on “Data Analysis using SPSS” Organized by Department of Mathematics, The American College, Madurai held on May 28 –30, 2020.

6. Participated in four days Online Faculty Development Programme on “TRANSFORMS AND DIFFERENTIAL EQUATIONS - 2020” Organized by Department of Science and Humanities, Dr. N. G. P Institute of Technology, Coimbatore held on June 08-11, 2020 .
7. Participated in the National Webinar on “Publication Metrics: Citation, H-Index, Impact factor and Finding Right Journals” organised by the Central Library, Vivekananda College, Tiruvedakam West, Madurai District on 12th July, 2020..
8. Presented a paper in the 22nd FAI International Conference on Mathematical, Computational Intelligence and Engineering Approaches to Healthcare, Business and Tourism Analytics 2020 with the paper titled “EXACT TRAVELLING WAVE SOLUTIONS FOR SOME LOCAL FRACTIONAL PARTIAL DIFFERENTIAL EQUATION WITH VARIABLE COEFFICIENTS” at Department of Mathematics, The American College (Autonomous), Madurai on 20, 21, 22 , December 2020.
9. Participated in the Two Days International Virtual Workshop on “Innovative Resources and IPR in Research” held on 08th- 09th October 2021 organized by the PG & Research Department of Mathematics, The American College (Autonomous), Madurai.
10. Participated in” Faculty Orientation Program” held on 20th October 2022 organized by the IQAC, The American College (Autonomous), Madurai.
11. Participated in Two Days International Seminar/ Webinar on” Neoteric Applications in Mathematics” held on 08th- 09th November 2022 organized by the PG and Research Department of Mathematics, Thiagarajar College, Madurai in collaboration with School of Mathematics, Alagappa University, Karaikudi.
12. Participated in One-day Interactive Workshop on “Art & Science of Methodical Scientific writing and Publishing in a High impact Journal” held on 6th March 2023 organized by the IQAC and Office of the Dean Research, The American college, Madurai.
13. Participated in the Workshop on” Mathematics and Statistics for Data Analytics” held on 21st and 22nd June 2023 organized by the Department of Mathematics and Computer Science, The American College, Madurai.
14. Participated in National Workshop on “Brain Balancing and Hypnosis” held on 13th October 2023 organized by the Department of Mathematics, Ramanujan College, University of Delhi.
15. Participated in National Level Faculty Development Programme on “Applications of Mathematics in Multi-disciplinary Domains” held on 01st February 2024 to 08th February 2024 jointly conducted by A.C.T Academy, Kerala Unit and Department of Mathematics (SF), The American College, Madurai, Tamil Nadu.
16. Participated in International Workshop series on “AIDE-Artificial Intelligence” conducted by the ASIA PACIFIC UNIVERSITY UNESCO Chair, Malaysia

organized by The American College and CSI Jeyaraj Annapackiam College of Nursing and Allied sciences 23rd November to 26th November 2024 held at The American College, Madurai, Tamil Nadu.

Other Activities / Academic Credentials:

1. Qualified in State Eligibility Test (**SET**) April - 2017 conducted by Mother Terasa Women's University, Kodaikanal.
2. Participated in NSS seven days special camp held on 25th March 2022 to 31st March 2022 at Pudhu Thamarapatti village organized by NSS, The American College, Madurai.
3. Participated in NSS seven days special camp held on 21st December 2024 to 27th December 2024 at Pudhu Thamarapatti village organized by NSS, The American College, Madurai.