

CURRICULUM VITAE

Dr.S.JAIKUMAR.,M.Sc.,M.Phil.,B.Ed.,Ph.D.

Assistant Professor

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Personal Profile

Name : S.JAIKUMAR
Father Name : T.SUBARAMANIAM
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DOB : 18.07.1981
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Language Known : Tamil,English & Telgu
Community : OC
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Educational Qualification

- ❖ B.Sc., Department of Mathematics, Sacred Heart College, Thirupattur, University of Madras, April 2002
- ❖ M.Sc., Department of Mathematics, Islamiah College, Vaniyampadi, University of Madras, November 2004
- ❖ M.Phil.,Department of Mathematics, Islamiah College, Vaniyampadi, Thiruvalluvar University, August 2006

- ❖ B.Ed., Tamilnadu Teachers Education University, May 2011.
- ❖ Ph.D ,Kandaswami Kandar's College, P.velur under the guidance of Dr.K.Alagesan , Kandaswami Kandar's College of arts and science , P.Velur, Periyar University, November 2020.

Professional Experience

- ❖ Assistant Professor of Mathematics, Sri Vidya Mandir Arts & Science College(Autonomus), Uthangarai from 18.09.2006 onwards

Research Area

- Difference and Differential Equations
- Graph Theory

Research Guidance :

M.Phil : Awarded - 23

Conferences/Seminar Attended : 20

Workshops Attended : 12

FDP Attended : 10

Orientation Programme : 02

Refresher Programme : 02

Publications Details:

1. Stability of a Quadratic Functional Equation, Advances in Dynamical systems and Applications(ADSA) ISSN:0973-5321,Volume 16,Number 2, 2021,pp 1167-1181
2. Some New Oscillation Criteria for Fourth Order Nonlinear Delay Difference Equations, Abstract and Applied Analysis. doi.org/10.1155/2020/1653081
3. New Oscillation Criteria for Fourth Order Delay Difference Equations with Damping, Malaya Journal of Matematik, volume 8, Issue No 3(2020)838-844.
4. Oscillation of Nonlinear Third-Order Delay Difference Equations with Unbounded Neutral Coefficients, Journal of Information and Computational Science, ISSN: 1548-7741, Volume 9 Issue 11 – 2019,902-910

5. Oscillation and Asymptotic Behavior of Third-Order Difference Equations with Sub-linear Neutral Term, Journal of Scientific Computing, ISSN NO: 1524-2560, Volume 8 Issue 12 2019,34-43.
6. Asymptotic Behaviour of Solutions of Second Order Difference Equations with Damping Term , Journal of Advances in Mathematics, ISSN: 2347-1921, Volume: 14 Issue: 02,2018,7806-7811
7. Application of fractional differential equations, International Journal of science, Technology and Humanities, 2016-220-224. ISSN:2394-7209.
8. Intuitionistic Fuzzification of T- ideals in BCI- Algebras, IOSR journal of Mathematics, Volume II , ISSUE I, Feb 2015, Version IV
9. Strongly Perfect Graphs, Shanlax International Journal of Arts, Science & Humanities –mar-2015, vol-2, Issue no.2
10. Sturmian comparison method for Oscillation criteria in delay equation, Roots International Journal of Multidisciplinary reseaches, Feb 2015,Vol:1,Issue No:3

Paper Presentation

1. “OSCILLATION CRITERIA OF IMPULSIVE FRACTIONAL DIFFERENTIAL EQUATIONS“ in the International Conference on Mathematical Applications in Engineering and Technology (ICMA-2017) Organized by the Department of mathematics, Sacred Heart College, Tirupattur During 27th and 28th January 2017.
2. Asymptotic Behaviour of Solutions of Second Order Difference Equations with Damping Term in the national conference on Mathematical science and its application NCMSA-2018 organized by the department of mathematics ,Thiruvalluvar university college of arts and science during 27th march 2018
3. New Oscillation Criteria for Fourth Order Delay Difference Equations with Damping, in National Conference on Applied Mathematics and its Applications (NCAMA’ 19)organized by Department of Mathematics, Sacred Heart College (Autonomous)6th and 7th Feb-2019
4. Asymptotic behavior of solutions of second order difference equations with damping term in International Conference On new Trends In Mathematical Modelling with Applications, Organized by Pg & Research Department Of Mathematics,Sri Vidya Mandir Arts and Science college during 29th & 30th July – 2019.
5. Some New Oscillation Criteria For Fourth Order Nonlinear Delay Difference Equations in the International Conference on Innovations in Physical Sciences, Information Technology and Social Sciences, Organized by Sri Vidya Mandir Arts and Science college during 14th & 15th February 2020.

6. Oscillation Theorems for Higher Order Dynamic Difference Equation with Sublinear Neutral Term in the International Conference on New Trends in Differential Equation and Applied Mathematics Organized by Sri Vidya Mandir Arts and Science College (Autonomous), Krishnagiri in collaboration with CHRIST (Deemed to be University), Bengaluru and Jyothi Engineering College, Thrissur during April 12-13, 2021.

Conferences / Workshops / Seminars organized

1. Two day seminar on “anbumalarathum” on behalf of SVSC, Sri vidya Mandir arts and science college – Jan-2014.
2. A One day Webinar on NAAC Criteria: A Glance on behalf of IQAC, Sri Vidya Mandir Arts and Science College, 10th April 2021.
3. Two days International International Conference on New Trends in Differential Equation and Applied Mathematics ,Sri Vidya Mandir Arts and Science college, April 12-13, 2021
4. A Two days National Workshop on “How to crack CSIR-UGC NET/SET/GATE exam in Mathematical science” Sri Vidya Mandir Arts and Science college, April 28-29, 2023
5. Faculty Development Program on classroom Communication, Professional Development & Micro and Macro Teaching, Sri Vidya Mandir Arts & Science College(A), 17, 18.10.2023
6. One day National Level Webinar on Intellectual Property Rights Sri Vidya Mandir Arts & Science College(A), on 27.09.2023
7. A Two Day International Conference on Mathematical Modelling and Intelligent Systems (ICMMIS 2024) on 18-20 March 2024

Organizing Member

1. National Workshop on MATHEMATICAL ANALYSIS AND APPLICATIONS Organized by PG & Research Department of Mathematics, Sri Vidya Mandir Arts & Science college at 9th & 10th February 2016.
2. International Workshop on Mathematical Analysis And Applications (IWMAA-2018) Organized by PG & Research Department of Mathematics, Sri Vidya Mandir Arts & Science College at Jan 2018.
3. Seven Days National Level Workshop On Pure Analysis, Differential Equations and its Applications (PADEAA-2018) Organized by PG & Research Department of Mathematics, Sri Vidya Mandir Arts & Science college at 15th -21th November 2018.
4. International Conference on New Trends in Mathematical Moedlling with Application (ICNTMMA-2019) Organized by PG & Research Department of Mathematics, Sri Vidya Mandir Arts & Science College at 29th and 30th July 2019

5. A Two Days International Conference on New Trends in Fuzzy Logic and its Applications(ICNTFLA-2021) , Organized by PG & Research Department of Mathematics Sri Vidya Mandir Arts & Science College at 29th and 30th Jan 2021.

6. Interpersonal Communication Skills Organized by IQAC, Sri Vidya Mandir Arts & Science College at 13th march 2021

7.

Awards received

1. Best Teacher Award (2010) presented by “Sri Vidya Mandir Arts & Science College”.
2. Best Assistant Professor Award Presented by Pearl Foundation at National Conference on “SMART SUMIT-2021” at Madurai june 19th 2021

Books published

1. AN INTRODUCTION TO GRAPH THEORY – ISBN : 978-93-80686-59-2

Invited Talk

1. Give an Special invited talk in the topic ODE on Seven Days National Level Workshop On Pure Analysis, Differential Equations and its Applications (PADEAA-2018) Organized by PG & Research Department of Mathematics, Sri Vidya Mandir Arts & Science college at 15th -21th November 2018.
2. Application of Graph Theory on 25.11.2022 organized by PG & Research Department of Mathematics, Krishna Arts & Science College, Krishnagiri.

Extension Activities

1. Coordinator of IAQC, Sri Vidya Mandir Arts and Science College.
2. Member of NAAC, Sri Vidya Mandir Arts and Science College.
3. Member of Board of Studies, Sri Vidya Mandir Arts and Science College.
4. Member of Academic Council, Sri Vidya Mandir Arts and Science College.
5. Coordinator of Swami Vivekananda Study Center , Sri vidya mandir arts and science college.
6. Camp Officer for Central Valuation, Sri vidya mandir arts and science college.
7. Examiner in UG Board from 2009 to 2014.
8. Examiner in PG Board from 2015 onwards.
9. Question paper setting for Autonomous college(Selvam Arts and science college, Padmavani Arts & Science College, Salem)

(Dr. S. Jaikumar)

