Curriculum Vitae

1. Name: Dr. G. SIVA

2. Nationality: Indian

3. Address for Communication:
   12, Mahendra Nagar,
   Near Chellapperumal Nagar, Sriperumbudur,
   Tamil Nadu-602105

4. Academic Qualifications:

  - o   Ph.D., Mathematics, Alagappa University, Karaikudi. (2023).
  - o   M.Phil., Mathematics, Madurai Kamaraj University, Madurai. (2017).
  - o   M.Sc., Mathematics, Pondicherry University, Puducherry. (2016).
  - o   B.Sc., Mathematics, Gandhigram Rural Institute-Deemed University, Dindigul. (2014).

5. Areas of Specialization:

  - ☐   Linear Algebra; Topology, Real Analysis.
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6. Current Research Interest: Topological Algebras, Fixed Point Theory

7. Present Position: Assistant Professor(on contract) in Department of Mathematics

8. Immediate Past Position: NA

9. Other Important Academic and Administrative Assignments:

10. Total Teaching Experience: 01 Months

11. Total Research Experience: NA

12. Training Experience:
  - Participated in the **"Science Academies' Refresher course in Topology"**, held at University of Madras, Chennai, during 02-14 May, 2018.
  - Participated in the " **Seventh Summer Training Programme in Mathematics**", held at University of Madras, Chennai, from13-05-2015 to 02-06-2015.

13. Invited Lecture Delivered in the Last Three Years: NA

14. Conference/Workshop/Seminar Attended in the Last Five Years *:*

- Participated and Presented in the *"International Conference on Mathematical Modeling and Computational intelligence"* entitled as **Fixed point iterations of contraction mappings with variations in cone metric space domains,** which was held at Alagappa University, Karaikudi during *3rd* & *4th* September 2019.
- Participated and Presented in the *" 2nd International Conference on Mathematical Modeling and Computational Methods in Science and Engineering"* entitled as **Weak Order convergence of fixed point iterations of contraction mappings on cone metric spaces,** which was held at Alagappa University, Karaikudi during 22-24th January 2020.
- Participated and member of the Program Organizing committee in the national conference on **"Mathematical Analysis and Computing (NCMAC 2021)"**, organized by Department of Mathematics, Sree Sevugan Annamalai College, Devakottai, on 28th, May 2021.
- Participated and member of the Program Organizing committee in the *"National conference on Recent advances in mathematical modelling "*, held at Alagappa University, Karaikudi, on 23rd September, 2019.
- Participated in the online conference titled **"Virtual Math Fest 2020"**, organized by Core Organizing Committee of VMF 2020, during 20 -26, July 2020.
- Participated in One Week International E-Faculty Development Program on **" Fixed Point Theory and its Applications"**, organized by Department of Mathematics and Statistics, School of Basic Sciences, Manipal University, Jaipur, during 15 -19, September 2020.
- Participated in the online **"Workshop on Mathematical Analysis (MATANA 2020)"**, organized by PG and Research Department of Mathematics, Loyola College, Chennai, during 8 -13, June 2020.
- Participated in the International conference on **"Recent Advances in Nonlinear Functional Analysis and its Applications (ICRANFAA-2022)"**, organized by Department of Mathematics, Andhra University, Andhra Pradesh, during 29 -30, January 2022.
- Participated in the webinar on **"Fundamentals of Pure and Applied Mathematics "**, organized by PG and Research Department of Mathematics, Nallampalli, Dharmapuri, during 13 -15, July 2020.
- Participated in the one day National Webinar on **" Mathematical Analysis and Probability"**, organized by Department of Mathematics (UG & PG), JK College, Purulia, West Bengal, on 4th, October 2020.

15. Award/ Fellowship or Prize / Distinction received (indicate the name of the Institute):

- Qualified for CSIR-JRF in December 2016.
- Received CSIR-JRF Fellowship from 2018 to 2020.
- Received CSIR-SRF Fellowship from 2020 to 2023.
- Received M.Phil degree with Distinction at Madurai Kamaraj University in 2017.

16. Experience of Supervision of Doctoral Thesis: NA

17. Research Projects (On-going and Completed): NA

18. Consultancy Services: NA

19. Member of Any Academic Body: NA

20. Book (Edited and Written): NA

21. List of Publication in the Recognised Journals (last five years):

1) **G. Siva** and C. Ganesa Moorthy, Uniqueness of F-algebra topology for commutative semi-simple algebras, Bulletin of the Iranian Mathematical Society, 45 (2019), 1871-1877.

2) **G. Siva** and C. Ganesa Moorthy, Functional continuity of topological algebras with orthonormal bases, Asian-European Journal of Mathematics, 14 (2020), 1-15.

3) C. Ganesa Moorthy and **G. Siva**, Continuity of homomorphisms on complete metrizable topological algebras, International Journal of Nonlinear Analysis and Applications, 2021, 1-5.

4) **G. Siva** and C. Ganesa Moorthy, Reviewed techniques in automatic continuity of linear functionals, Khayyam Journal of Mathematics, 9 (2023), 1-29.

5) **G. Siva**, Automatic continuity of almost derivations on LMC Q-algebras, Matematicki Vesnik. 2023, (Accepted).

6) **G. Siva**, Fixed points of contraction mappings with variations in cone metric space domains, Asian-European Journal of Mathematics, 16 (2022).

7) **G. Siva**, Fixed points of contraction mappings with variations in S-metric space domains, The Mathematics Student. 91(3-4), 2022, 173-185.

8) **G. Siva**, Fixed points of closed graph operators on N- cone metric spaces, Indian Journal of Mathematics, 65 (2023), 53-71.

9) **G. Siva**, Fixed filter bases of multiplicative contractions on multiplicative metric spaces, Surveys in Mathematics and its Applications, 18 (2023), 49-58.

10) **G. Siva**, Weak convergence of fixed point iterations in N-cone metric spaces, Indian Journal of Mathematics, 2023, 247-266.

11) **G. Siva**, Fixed points in bicomplex valued S-metric spaces with applications, Surveys in Mathematics and its Applications, 18 (2023), 329-341.

12) **G. Siva** and C. Ganesa Moorthy, Weak Order convergence of fixed point iterations of contraction mappings on cone metric spaces, Journal of Physics, Conference Series, 1850 (2021), 1-10.

13) **G. Siva**, Fixed point theorems in bipolar vector metric spaces, Boletim da Sociedade Paramaense de Matematica, 2024. Accepted.

14) **G. Siva**, Fixed points in tricomplex valued S-metric spaces with applications, International

Journal of Nonlinear Analysis and Applications, 2024. Accepted.

15) C. Ganesa Moorthy and **G. Siva**, Automatic continuity of almost Jordan derivations on special Jordan Banach algebras, Mathematical Analysis and its Contemporary Applications, 4 (2022), 11-16.

16) C. Ganesa Moorthy and **G. Siva**, Automatic continuity of Jordan almost multiplicative maps on special Jordan Banach algebras, European Journal of Mathematics and Applications, 2 (2022), 1-6.

17) C. Ganesa Moorthy and **G. Siva**, Automatic continuity of almost derivations on Frechet Q-algebras, Communications in Advanced Mathematical Sciences, 5 (2022), 88-91.

18) C. Ganesa Moorthy and **G. Siva**, Automatic continuity of surjective almost derivations on Frechet Q-algebras, Mathematical Analysis and Convex Optimization, 3 (2022), 1-6.

19) **G. Siva**, Fixed points of multiplicative closed graph operators on b- multiplicative metric spaces, Malaya journal of matematik, 12 (2024), 21-30,

20) **G. Siva** and S. Loganathan, Weak convergence of fixed point iterations in N-cone metric spaces, Journal of Mahani Mathematical Research, 13(2023), 565-576.

21) **G. Siva** and L. Rasikannan, Fixed point theorems in tricomplex valued bipolar metric spaces, Romanian Journal of Mathematics and Computer Science, 12 (2022), 64-74.

22) **G. Siva**, Complex valued bipolar metric spaces and fixed point theorems., Communications in Nonlinear Analysis, 11 (2023), 1-10.

23) C. Ganesa Moorthy and **G. Siva**, Bipolar multiplicative metric spaces and fixed point theorems of covariant and contravariant mappings, Mathematical Analysis and Convex Optimization, 2 (2021), 1-11.

24) **G. Siva**, Bicomplex valued bipolar metric spaces and fixed point theorems, Mathematical Analysis and its Contemporary Applications, 4 (2022), 29-43.

25) **G. Siva**, Generalized common fixed point results in cone metric spaces, Mathematical Analysis and Convex Optimization, 2 (2021), 89-91.

26) **G. Siva**, Quasi fixed points of contractions on semi cone metric spaces, Mathematical Analysis and its Contemporary Applications, 4 (2022), 27-37.

22. Any Other Relevant Information