Dr.M.SORNAVALLI M.Sc., M.Phil., PGDCA,Ph.D
Assistant Professor, Mathematics
Velammal College of Engineering and Technology, Madurai
e-Mail Id: msi@vcet.ac.in
Blog Address:

Educational Qualification:

Degree or Diploma	Name of Institution	University	Year of Passing
Ph.D	Bharathidasan University	Bharathidasan University	2019
PGDCA	MK University	MK University	2009
M.Phil.,	Mannar Thirumalai Naicker College	M.K.University	2006
M.Sc., (Maths)	Sri. Meenakshi Govt. College for Women	M.K.University	2005
B.Sc., (Maths)	Thiagarajar College	M.K.University	2003

Experience in Years: 16 Years 5 Months

Employment History:

Institution	Designation	No.of Years	Period	
			From	To
Velammal College of Engineering and Technology, Madurai	Assitant Professor	11 Years 3Months	01-03-2013	Till date
K.L.N College Of Engineering, Pottapalayam	Assistant Professor	2 Years 5 Months	06-09-2010	28-02-2013
Mohamed Sathak Engineering College, Kilakarai	Lecturer	2 Years 5 Months	01-03-2008	08-08-2010

Interested Research Areas: Fixed point theory, Functional Analysis
Scholarships and Awards received: Nil

Funded Research Projects: (will be either in Table (or) Paragraph starting with latest funded research project)

Funding Agency:

Scheme:

Title:

Sanctioned Amount:

Year:

Principal Investigator(PI):

Co-PI:

Patent rights received:

Publications Details: 09/02/2024

Patent Journal Publication Details: "Artificial Intelligence and Internet of Things Technology through differential equations in the Development of Stable and Resilent Smart Grids with High Penetration of Renewable Energy Sources and Management System" **Application No**: **202441004908**

International Journal Publication Details:

1. Fixed point theory applications in Economics and Gametheory" Utilitas Mathematica, (Accepted) 2024.

2. "Common fixed point theorems in Neutrosophic Metric spaces" Nuetrosophic sets and systems, (Communicated) 2024

3. " Applications of Python programming insolving First year Calculus" Indian Journal of Natural Sciences, Vol 14, Issue 79, Aug2023 .

4. M. Sornavalli, V. Mallikadevi, "*Common fixed point theorems in Intutitionistic Generalized fixed point theorems in G- Metric spaces"* GIS Science Journal, 2023.

5. M. Sornavalli, V. Mallikadevi, " Introduction to Intuitionistic Generalized Fuzzy b-Metricspaces and fixed point Results" Indian Journal of Natural Sciences, Vol 14, Issue 78, June 2023

6. "*Common fixed point theorems for weakly compatible mappings in intuitionistic generalized fuzzy metric spaces*" Palestine Journal Of Mathematics (2021).

7. "*Common fixed point theorems for weakly compatible mappings in intuitionistic generalized fuzzy metric spaces*" Palestine Journal Of Mathematics (2020).

8. "*Common fixed point theorems for W-compatible maps of type (P) in generalized intuitionistic fuzzy metric spaces*" International Journal Of Advances In Mathematics, Number 5, (2018), 34 - 44.

9. "*Common fixed point theorem in intuitionistic generalized fuzzy metric space using implicit relation*" International Journal of Pure and Applied Mathematics, 119(12), (2018), 14653-14664. **(UGC Journal No. 23425)**

10. "*Common fixed point theorems in weak Non-Archimedean intuitionistic generalized fuzzy metric spaces*" Journal Of Computer And Mathematical Sciences, 9(4), (2018), 232-244.**(UGC Journal No. 44720)**

11. "*Fixed point theorems in intuitionistic fuzzy contraction mappings in intuitionistic fuzzy generalized metric spaces*", Notes on intuitiontic fuzzy sets, 24(1), (2018), 13-20.

12. "*Fixed point theorems in two intuitionistic generalized fuzzy metric spaces,*" International Journal Of Applied Mathematical Analysis And Applications, 4(4), (2017),21-25.

13. "*Common coupled fixed point theorems in generalized intuitionistic fuzzy metric spaces*", Notes On Intuitionistic Fuzzy sets, 23(1), (2017), 57-69.

14. "*Common fixed point theorem in Dislocated generalized intuitionistic fuzzy metric spaces*", Bulletin Of The International Mathematical Virtual Institute,7(2017), 437-444.

15. "*Common fixed point theorems for six mappings on generalized fuzzy metric spaces*", International Journal Of Applied Mathematical Sciences, 9(1), (2016), 61-71.

16. "*Common fixed point theorems in generalized intuitionistic fuzzy metric spaces with properties*", Bulletin Of Mathematics And Statistics Research, 3(4),(2015), 137-144.

17. International Conference Presentation Details:

1. *"Common fixed point theorem for mappings in intuitionistic generalized fuzzy metricspaces*", Advances and Applications in Mathematical Sciences, (2019).

2. $\varepsilon-$ "*Common fixed point theorems in chainable generalized fuzzy metric spaces,*" International Journal Of Pure And Applied Mathematics, 119(9), (2018), 155-163.**(UGC Journal No. 23425)**

3. " ***Common fixed point theorems for sub compatible and sub sequentially continuous maps in intuitionistic fuzzy metric spaces",*** International Conference on Mathematical Sciences, M.K. University, Madurai.

4. **"** *Common fixed point theorems in Intutitionistic Generalized fixed point theorems in G-Metric*

***spaces*"** A Two day International Conference on Applied Mathematical Sciences, J.J. College of Arts and Sciences, Pudukkottai. (2023)

5. National Conference Presentation Details:

1. " ***Common fixed point theorem in intuitionistic fuzzy metric spaces",*** National Conference on fuzzy Algebra, Paramakudi.

6. **Google Scholar report:** Cited by

   https://scholar.google.com/citations?user=Zckho3cAAAAJ&hl=en

	All	Since 2019
Citations	17	16
h-index	2	2
i10-index	0	0