

### DR.V.HELAN SINTHIYA M.Sc,M.Phil,Ph.D.,

**Assistant Professor** 

Department of Mathematics, School of Engineering & Technology

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- 1.https://scholar.google.com/citations?user=GMn2SCEAAAAJ&hl=en&oi=ao
- 2. https://orcid.org/my-orcid?orcid=0009-0005-4068-3461

#### **Bio-Sketch**

I'm V.HELAN SINTHIYA I did my UG in Mathematics 2004 from Holy Cross college Trichy, I did my PG in Mathematics 2006 from Chidambaram pillai women's college Trichy. I Completed my M.Phil in Mathematics 2009 from Periyar University Salem.and I Completed Full-Time (Ph.D) in Mathematics 2020 from Rajah Serfoji Govt. College, Thanjavur.

From 2007 to 2017, I was working as a Assistant professor in Roever Engineering College, Perambalur.

Since Oct/2022, I work as an Assistant Professor/ Department of Mathematics at Dhanalakshmi Srinivasan University, Trichy.

# Specialization

Topology

Courses Offered	
21MAT 01	Algebra and Calculus
21MAT03	Discrete Structures
21MAT06	Probability and Statistics

#### **Research Interests**

Topology, GraphTheory, Numericals, Fuzzy Graph, Number Theory

## Awards/Honours/Affiliations

- \* Institute Innovation Council Ambassador, Dhanalakshmi Srinivasan University
- \*Universal Human values(UHV-I)

## **Work History**

Assistant Professor, Dhanalakshmi Srinivasan University, Trichy (Oct, 2022 to present) Assistant Professor, Roever Engineering College, Perambalur (2007 to 2017)

# **Education History**

- 1.Ph.D.(Full-Time) (Mathematcis), Topology (2020) Rajah Serfoji Govt. College, Thanjavur/Bharathidasan University, TN, India.
- 2.M.Phil., (Mathematics) (2009) Periyar University Salem, TN, India.
- 3.M. Sc., (Mathematics) (2006) Chidambaram pillai women's college, Trichy/ Bharathidasan University, TN, India.
- 4.B.Sc., (Mathematics) (2004)Holy Cross College, Trichy/ Bharathidasan University, Tamil Nadu India.

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## **Publications with link or DOI**

- 1. https://doi.org/10.9734/bpi/rhmcs/v8/5958A
- 2. http://www.jetir.org
- 3. On characteristics of t-norms under the doubt Q-Fuzzy T-Sub algebra and ideal in BP-Algebra,M.Premkumar,A.Prasanna,V.Helan Sinthiya,A.Arul Staline,A.Nagaraj and Y.Immanuel(Mathematics and computers in simulation ,ISSN:0378-4754,Accepted SCIE,Scopus & Web of science-Elsevier)
- 4. On Algebraic Properties of ω-Q-Fuzzy CI-Algebras,M.Premkumar,Y.Immanue, A.Prasanna,V.Helan Sinthiya,Dhirendra Kumar Shukla and MoshinKhalid(Accepted scopus & web of science)
- 5. On upper and Lower contra-pre-I-continuous Multifunctions, Volume VI,Issue V,May /2019 (ISSN NO:1076-5131)
- 6.Properties of pre-I Irresolute Multifunction P.Gomathi Sundari, V.Helan Sinthiya, and N.Rajesh (Annales Univ.SCI, Budapest-61(2018), 101-110
- 7.Generalization of  $R_0$  Spaces via ideals P.Gomathi Sundari, V.Helan Sinthiya and N.Rajesh /International Journal of Emerging Technologies and innovative Research /May2019, Volume 6, Issue 5 (ISSN-2349-5162)