

## CURRICULUM VITAE

### **Dr. S.SENTHILKUMAR**

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Name : Dr.S.Senthilkumar  
Designation : Assistant Professor  
Department : Mathematics  
Date of Birth : 07<sup>th</sup> May 1986  
Date of Award of Ph.D. : 14<sup>th</sup> Dec 2020  
Title of the Ph.D. : Algebraic properties Over a Contrary Translation of  
Intuitionistic Fuzzy Ideal in Various types of Algebra  
Area of the Research : Fuzzy Algebra  
University : Periyar University  
Residential Address : S/O Selvakumar, D.No.201, Chinnakarapattu (Vil),  
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Email Id : [sssvm86@gmail.com](mailto:sssvm86@gmail.com)  
Working Discipline UG & PG  
Experience : UG & PG – 15Years & 6 Months.  
(24.08.2009 to till date) : Sri Vidya Mandir Arts and Science College, Uthangarai,  
Krishnagiri, Tamilnadu, Pin: 636 902.

### **Educational Qualification:**

Degree	University/Institution	Year of pass	% of marks
Ph.D.	Periyar University, Salem.	Dec-2020	Commended
M.Phil.	Bharathiar University, Coimbatore.	Dec-2014	54.6%
M.Sc.	Govt. Arts College for Men, Nandanam, Chennai.	Apr-2009	62%
B.Ed.	G.P College of Education, Tirupattur.	Jun-2007	62%
B.Sc.	P.M.P Arts and Science College, Dharmapuri.	Apr-2006	59.48%
HSC	State Board-Govt.Hr.Sec School, Uthangarai.	Mar-2003	51.33%
SSLC	State Board-Govt. High School, Upparapatti, Uthangarai.	Mar-2001	67.4 %

### Research Publications:

- “Cartesian Products over a Contrary Intuitionistic Fuzzy  $\alpha$ - Translation of H-Ideals in Division BG-Algebras” published by AIP-CP, American Institute of Physics, pp: 020022-1-020022-19, AIP Conf. Proc. 2177, 2019.
- “ $Q_{\gamma, \delta}(P_{\alpha, \beta})$  Over a Contrary Intuitionistic Fuzzy  $\alpha, \beta, \gamma$  and  $\delta$  -Translations of Sub Implicative Ideals and Sub Commutative Ideals of Subtraction G-Algebras” published by Journal of Information and Computational Science, Vol. 9, Issue 8, pp: 304-317, ISSN No. 1548-7741, 2019.
- “ $F_{\alpha, \beta}$  Over Contrary Intuitionistic Fuzzy  $\alpha, \beta$ - Translation in sub implicative ideals and sub commutative ideals of Subtraction G-Algebra” published by JASC: Journal of Applied Science and Computations, Vol.VI, Issue No. III, pp: 2203-2212, ISSN No. 1076-5131, March/2019.
- “Intuitionistic fuzzy translation of anti-intuitionistic fuzzy T-ideals of subtraction BCK/BCI algebras” published by Malaya Journal of Matematik, Vol: 6, P.P:701–710, ISSN No. 2321-5666 18<sup>th</sup>sep 2018.
- “Anti-Fuzzy soft sets in Subtraction Algebras” published by International Journal for Research in Applied Science and Engineering Technology, Special Issue, ISSN No. 2321-9653 March 2018.

### Book Publications:

- “An Introduction to Graph Theory” Raja Publications, Trichy, pp:1-96, ISBN No.978-93-80686-59-2, Jan 2015.
- “Fuzzy Set Theory” Raja Publications, Trichy, pp:1-137, ISBN No.978-93-80394-61-2, 2014.

### Research Works Presented in Conference / Seminar / Symposia:

- “ $Q_{\gamma, \delta}(P_{\alpha, \beta})$  over a contrary intuitionistic fuzzy  $\alpha, \beta, \gamma$  &  $\delta$  translations of sub implicative ideals and sub commutative ideals of subtraction g-algebra” ICNTMMA-2019 (International Conference), Organized by Sri Vidya Mandir Arts and Science College, Uthangarai. On dated on July 29<sup>th</sup> & 30<sup>th</sup> 2019.
- “An Anti-Intuitionistic fuzzy Translations of Fuzzy Intuitionistic with B-Algebras”, ICDMDS’18 (International Conference), Organized by SASTRA Deemed University, Thanjavur, dated on Sep 28<sup>th</sup> and 29<sup>th</sup> 2018.
- “Anti-Fuzzy soft sets in Subtraction Algebras”, ETPAM-17, (One Day National Conference), Organized by St. Joseph’s College of Arts & Science for Women, Hosur, dated on 13<sup>th</sup> Dec 2017.
- “Homomorphism and anti-Homomorphism in tripolar N-Fuzzy group”, ICMA–2017 (International Conference), Organized by Sacred Heart College, Tirupattur, dated on Jan 27<sup>th</sup> and 28<sup>th</sup> 2017.

### Conference / Seminar / Symposia / Workshop / FDP / Training Programme Participation:

- FDP Program on “Microsoft Power BI Data Analyst”, Organized by E & ICT ACADEMY hosted by Sri Vidya Mandir Arts & Science College, Uthangarai, Tamilnadu, dated on 6<sup>th</sup> Jan 2025 to 10<sup>th</sup> Jan 2025.
- National Level Virtual Faculty Development Program on the Topic “NAAC AACREDITATION FRAMEWORK” Organized by Guru Shree Shantivijai Jain Collegefor Women, dated on 9<sup>th</sup> to 16<sup>th</sup> September 2023.

- Webinar on “A Survey on Entire Functions Sharing Sets with Its Derivatives and Variants of Shift Operators” Organized by Presidency University, Bengaluru, dated on 24<sup>th</sup> May 2023.
- National Level Seminar in “Role of Mathematics in Science & Technology” Organized by Reva University, Bengaluru dated on 25<sup>th</sup> June, 2021. International Workshop on “How to write a Quality Research Article” Organized by Sri Vidya Mandir Arts & Science College, Uthangarai, Tamilnadu, Christ University, Bangalore and Jyothi Engineering College, Thrissur, Kerala, dated on May 24<sup>th</sup> to 30<sup>th</sup>, 2021.
- International Conference in New Trends in Differential Equations and Applied Mathematics (ICNTDEAM-2021), Organized by Sri Vidya Mandir Arts and Science College, Uthangarai, Krishnagiri, Tamilnadu, dated on April 12<sup>th</sup> – 13<sup>th</sup> 2021.
- National level FDP in “Quality Enhancement in Teaching Learning and Research” Organized by Sri Vidya Mandir Arts and Science College, Uthangarai, Krishnagiri, Tamilnadu, dated on 30<sup>th</sup> Nov – 1<sup>st</sup> Dec, 2018.
- National Workshop in “Pure Analysis Differential Equations and its Applications” Organized by Sri Vidya Mandir Arts and Science College, Uthangarai, Krishnagiri, Tamilnadu, dated on 15<sup>th</sup> – 21<sup>st</sup> Nov, 2018.
- National Conference in Mathematical Sciences and its Applications Organized by Thiruvalluvar University College of Arts and Science, Tirupattur, Tamilnadu, dated on 22<sup>nd</sup> March, 2018.
- National Workshop in “Financial Education for Middle Income Group”, Organized by Sri Vidya Mandir Arts and Science College, Uthangarai, Krishnagiri, Tamilnadu dated on 19<sup>th</sup> Jan, 2017.
- National Seminar in “Applied Mathematical Sciences”, Organized by Sri PSG Arts and Science College, Sankari, Tamilnadu, dated on 3<sup>rd</sup> Oct, 2016.
- National Level seminar in “New Trends in Advance in Mathematics” Organized by Gonzaga College of Arts and Science, Krishnagiri, tamilnadu, dated on 27<sup>th</sup> sep, 2016.
- International Workshop in “Research Methodology in Mathematics” Organized by ERK Arts and Science College, Harur, Tamilnadu, dated on 22<sup>nd</sup> Sep, 2016.
- National Workshop in “Matlab” Organized by Karpagam University, Coimbatore, Tamilnadu, dated on 3<sup>rd</sup> Sep, 2016.
- State Level Seminar in “Recent Develops in Mathematical Models” Organized by Don Bosco College, Dharmapuri, Tamilnadu, dated on 2<sup>nd</sup> Sep, 2016.
- International Workshop in “Designing Enhanced Research Articles and Thesis” Organized by Sri Vidya Mandir Arts and Science College, Uthangarai, Krishnagiri, Tamilnadu, dated on 2<sup>nd</sup> Feb, 2016.
- National Conference in “Mathematical Applications in Engineering and Technology” Organized by Sacred Heart College, Tirupattur, Tamilnadu, dated on Dec 11<sup>th</sup>, 2015.
- National Level seminar in “Recent trends in Mathematics”, Organized by Arignar Anna College of Arts and Science, Krishnagiri, Tamilnadu, dated on 28<sup>th</sup> March, 2015.

#### **Organize Conference / Seminar / Symposia / Workshop / FDP / Training Programme:**

- Convenor in “A Two day International Conference On New Trend in Fuzzy Logic And its Applications” Organized by Sri Vidya Mandir Arts and Science College, Uthangarai, Tamilnadu, dated on 29<sup>th</sup>-30<sup>th</sup> Jan, 2021.
- Organizing Member in “International Workshop on Mathematical Analysis and Applications” Organized by Sri Vidya Mandir Arts and Science College, Uthangarai, Tamilnadu, dated on 6<sup>th</sup> Jan, 2018.

- Organizing Member in “National Workshop on Mathematical Analysis and Applications” Organized by Sri Vidya Mandir Arts and Science College, Uthangarai, Tamilnadu, dated on 9<sup>th</sup>-10<sup>th</sup> Feb, 2016.

**Award received:**

- Best Teacher Award in “Development of the Community life of the College” by Sri Vidya Mandir Arts and Science College, Uthangarai, Tamilnadu in 2013.

**Orientation / Induction / Refresh / Certificate Course:**

- Short Term Programme on “Research for Resurgence” Organized by CPDHE, Malaviya Mission Teacher Training Centre, University of Delhi, dated on 7<sup>th</sup> October 2024 to 14<sup>th</sup> October 2024.
- Refresh Course in “Mathematical Sciences” Organized by CPDHE, Malaviya Mission Teacher Training Centre, University of Delhi, dated on 18<sup>th</sup> September 2024 to 1<sup>st</sup> October 2024.
- Certificate Course for “Data Analysis using Python Libraries” Organized by Deen Dayal Upadhyay Kaushal Kendra, Sanatan Dharma College, Ambala Cantt, dated on May 25<sup>th</sup> to 4<sup>th</sup> June 2021.
- Orientation Programme for Faculty in Universities and Colleges for “Teaching Learning Centre”, Ramanujan College, University of Delhi, dated on June 04<sup>th</sup> – July 1<sup>st</sup>, 2020.

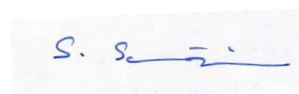
**DECLARATION**

I hereby declare that the facts stated above are true and Correct to the best Knowledge.

**Date: 28/03/2025**

**Place: Uthangarai**

**Signature**



**(Dr. SENTHILKUMAR S)**