

# Profile

Name : **Dr. P.Muralikrishna**

D.O.B : 18.06.1978

## Present Position

Assistant Professor,  
PG & Research Department of Mathematics,  
Muthurangam Government Arts College (Autonomous),  
Vellore-632 002. Tamilnadu. INDIA.

## Total Experience

17 years in Teaching  
8 years in Research

## Present Address

Plot No.6, Semmozhi Nagar,  
Behind TOYOTA Show Room,  
Andal Nagar,  
Old Katpadi,  
Vellore-632 007.  
Tamilnadu. INDIA

## Permanent Address

1/191-8-1, Vigneshwara House,  
Meenakshi Amman Nagar,  
Surya Nagar, K.Pudur,  
Madurai-625 007.  
Tamilnadu. INDIA

Cell: 9787520577

Email: [mathskrish@gmail.com](mailto:mathskrish@gmail.com)

## Educational Credentials

<b>Doctorate in Philosophy</b>	Specialization	:	Fuzzy Algebra
	Year of Completion	:	May 2013
	Institution	:	M.K.University , Tamilnadu, India
<b>M.Phil – Mathematics</b>	Year of Completion	:	April 2004
	Institution	:	M.K.University , Tamilnadu, India
<b>PGDCA</b>	Year of Completion	:	April 2002
	Institution	:	SBK College , M.K.University , Tamilnadu, India
<b>M.Sc-Mathematics</b>	Year of Completion	:	April 2000
	Institution	:	SBK College , M.K.University , Tamilnadu, India
<b>B.Sc-Mathematics</b>	Year of Completion	:	April 1998
	Institution	:	SBK College , M.K.University , Tamilnadu, India

### **Research Attention**

- *Fuzzy Algebra*
- *Fuzzy Graph*
- *Fuzzy Decision Making*
- *Secret Key Distribution*

### **Reviewership**

#### **Reviewer of the Journals**

- *International Journal of Fuzzy Systems*
- *Walailak Journal of Science and Technology*
- *Indian Journal of Science and Technology*
- *Italian Journal of Pure and Applied Mathematics*
- *Annals of Fuzzy Mathematics and Informatics*
- *Journal of Fuzzy Set Valued Analysis*

### **Professional Teaching Experience**

(Starting from present Employer)

Sl.No	Name of the Employer	Designation	Period	Experience		
				Years	Months	Days
1	Muthurangam Government Arts College (Autonomous), Vellore.	Assistant Professor	7 <sup>th</sup> Oct 2015 to till date (16.11.2020)	5	1	16
2	Government Arts College for Men(Autonomous), Kumbakonam.	Assistant Professor	3 <sup>rd</sup> Aug 2015 – 6 <sup>th</sup> Oct 2015	0	2	4
3	VIT University, Vellore.	Assistant Professor	7 <sup>th</sup> June 2012 – 29 <sup>th</sup> July 2015	3	1	22
4	Fatima Michael College of Engineering & Technology, Madurai.	Assistant Professor	1 <sup>st</sup> June 2011 – 30 <sup>th</sup> Apr 2012	0	11	0
5	Latha Mathavan Engineering College, Madurai.	Assistant Professor	1 <sup>st</sup> June 2010 – 18 <sup>th</sup> May 2011	0	11	17
6	Syed Ammal Engineering College, Ramanathapuram.	Lecturer	8 <sup>th</sup> June 2005 – 30 <sup>th</sup> Apr 2010	4	10	22
7	Sethu Institute of Technology, Madurai	Lecturer	6 <sup>th</sup> Jan 2003 – 10 <sup>th</sup> Mar 2005	2	2	4
<b>Total Experience</b>				<b>17</b>	<b>04</b>	<b>25</b>

**Professional Organization Membership, Community & Administrative Initiatives**

- ✓ **Life Member** of Indian Society for Technical Education (ISTE)
- ✓ **Life Member** of International Association of Engineers (IAENG)

**Research Scholars**      M.Phil 2 + 1                      Ph.D 1 + 2

**Book Chapter Published**

Chapter(No-15; pages 244-274) titled *Interval-Valued Fuzzy H-Ideals on  $\beta$ -Algebra* in edited the book ***Handbook of Research on Emerging Applications of Fuzzy Algebraic Structures***(2020), Hershey, PA: IGI Global. doi:10.4018/978-1-7998-0190-0

**Research Publications :**      **60 (in which 29 in scopus)**

**Most Featured Articles:**

1. *An ideal decision making on Neutrosophic  $\mathcal{Q}$ -fuzzy Setting, Neutrosophic Sets and Systems*, Vol. 36, 2020, pp. 319–327.
2. *Estimation of reliability and validity of consumer behavior model with regard to direct selling using probability technique, Advances in Mathematics: Scientific Journal*, Vol. 9(3), 2020, pp. 1445–1457.
3. *MBJ-Neutrosophic  $\beta$ -ideal of  $\beta$ -algebra, Neutrosophic Sets and Systems*, Vol. 35, 2020, pp. 99–118.
4. *Applications of cubic level set on  $\beta$ -subalgebras, Advances in Mathematics: Scientific Journal*, Vol. 9(3), 2020, pp. 1359–1365.
5. *Neutrosophic Approach on Normed Linear Space, Neutrosophic Sets and Systems*, Vol. 30, 2019, pp. 225–240.
6. *Fuzzy dynamic programming problem for single additive constraint with multiplicatively separable return in terms of trapezoidal membership functions, Songklanakarin Journal of Science and Technology*, Vol. 41(4), 2019, pp. 761–768.
7. *On MBJ-Neutrosophic  $\beta$ -subalgebra, Neutrosophic Sets and Systems*, Vol. 28, 2019, pp. 216–227.
8. *Binormed intuitionistic fuzzy  $\beta$  -ideals of  $\beta$ -algebras, Journal of Uncertain Systems*, Vol. 13(1), 2019, pp. 42–55.
9. *Stress Management Analysis Through Mediating Effect, International Journal of Recent Technology and Engineering*, Vol. 8(1), 2019, pp.2143-2147.

10. *Bipolar Valued Q-fuzzy Application in Building Sciences*, **International Journal of Civil Engineering and Technology**, Vol. 9(5), 2018, pp. 761–765.
11. *On interval valued intuitionistic fuzzy  $\beta$ -subalgebras*, **Afrika Matematika**, Vol. 29(1-2), 2018, pp. 249–262./doi.org/10.1007/s13370-017-0539-z
12. *Fuzzy  $\beta$ -subalgebraic topological spaces*, **Communications in Applied Analysis**, Vol. 20(3), 2016, pp. 307–315.
13. *On N-Filters of CI-algebras*, **Afrika Matematika**, Vol. 26(3), 2015, pp. 545–549.
14. *Authenticated Key Distribution using given set of Primes for Secret Sharing*, **System Science and Control Engineering**, Vol. 3(2015), pp.106-112.
15. *On Bifuzzy SU-Subalgebras*, **Walailak J Sci & Tech**, 2013; 10(4), 415-422.