



## **Dr.C.Murugesan**

Professor of Mathematics

### **Personal Information**

Father's Name : K.Chinnasamy

DOB & Age : 03/05/1962 & 60 years

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Thuraipakkam, Chennai – 600097.

**Total Experience : 39years**

### **Qualification Details**

<b>Degree</b>	<b>Year</b>	<b>Institution Studied</b>	<b>Affiliated To</b>
P.U.C	1978-1979	KonguNadu Arts and science college	University of Madras
B.Sc	1979-1982	PSG College of arts and science	University of Madras
M.Sc	1982-1984	KonguNadu Arts and science college	Bharathiar University
M.Phil	1989-1990	College of Engineering,Guindy	Anna University
Ph.D	2009-2014	Sathyabama University	Sathyabama University

## Experience Details

Institution	Year	Experience
T.R.N. polytechnic	Sep 1984 – Feb 1991	6 years 6 months
Sathyabama University	March 1991- April 2016	25 years
VelTech multitech engineering college	August 2016 – May 2017	10 months
MNM Jain Engineering college. DB Jain college	July 2017 – 6 <sup>th</sup> DEC 2020 7 <sup>th</sup> DEC 2020 – Till Date	3Years 6months.

## Specialisation

Summability theory in functional analysis.

## Title of the thesis

Contributions to the theory of single and double entire sequence spaces defined by orlicz functions.

## DOCTORAL COMMITTEE MEMBERS:

1. Dr. P.V. SUBRAHMANYAM, I.I.T.,CHENNAI.
2. Dr.K.SIVAKUMAR , I.I.T., CHENNAI.

## Number of Papers Published

International and National journals : **21**

International and National Conferences : **3**

[Scopus Indexed Journal Papers - **12**]

## Number of books authored: 9

## Professional Accomplishments

- Functioned as **coordinator** for first year engineering students.

- **Programme officer** for NSS Unit.
- **Programme coordinator** for University NSS Units.
- Functioned as **Head Of Department** of Mathematics from 2003-2007
- **Published nine books** for the benefit of engineering students.
- **Awarded “Best Teacher”** for the year 2002-2003
- **Principal-Incharge – from Dec 2020**

### Special Qualities

- Generally amicable and affordable type, building bridges with everyone.
- Passion for teaching profession

All the above furnished details are true to my knowledge.

[C Murugesan]

## LIST OF PUBLICATIONS

### International Journal

- (1) Subramanian. N and Murugesan. C (2008) “The Orlicz space of entire sequence infinite matrices wavelet coefficients and Frames”, International Journal of Computational Intelligence Research and Applications, Vol. 2, No. 2, pp. 197-206.
- (2) Subramanian. N, Tripathy. B.C and Murugesan. C (2008), “The double sequence space of  $\Gamma^2$ ”, Fasciculli Mathematici, Vol. 40, pp.91-103
- (3) Subramanian. N, Tripathy. B.C and Murugesan. C (2009), “The Cesa’ro of double entire sequences”, International mathematical Forum, Vol 4, No. 2,pp. 49-59.
- (4) Subramanian. N and Murugesan. C (2009), “A New Class  $r^2(M, \phi, \Delta, p)^F$  of the double difference sequences of fuzzy numbers”, International Journal of Computational and Mathematical Sciences, Vol. 3, No. 4, pp. 170-173.
- (5) Subramanian. N and Murugesan. C (2009), “The Orlicz space of the entire sequence fuzzy numbers defined by infinite matrices”, International

- Journal of Computational and Mathematical Sciences, Vol. 3, No. 8, pp. 384.
- (6) Subramanian. N and Murugesan. C (2011), "The Orlicz space of the entire sequences associated with multiplier sequences", International Journal of Natural and Engineering Sciences, Vol. 5, No. 2, pp. 61-64.
  - (7) Subramanian. N and Murugesan. C (2012), "The double growth rate of Orlicz sequence spaces", Scientia Magna, Vol. 8, No. 2, pp. 19-28.
  - (8) Subramanian. N and Murugesan. C (2012), "A New class  $r^2(M,A)$  of the double difference sequences of fuzzy numbers", Acta Universitatis Apulensis, Vol. 31, pp. 117-127.
  - (9) Murugesan. C and Subramanian. N(2013), "Properties of  $r^2$  defined by a modulus function", Bol. Soc. Paran. Mat.. Vol. 30, No. 1, pp. 193-204(Scopus).
  - (10) Subramanian. N, Tripathy. B.C and Murugesan. C (2013), "The semi Orlicz space of  $cs_n$ " Kragujevac Journal of Mathematics Vol. 36, No. 2, pp. 269-276.
  - (11) Murugesan. C and Subramanian. N(2013), "The p-metric space of  $r^2$  defined by Musielak", Mathematical Sciences International Research Journal, Vol. 2, No. 2, pp. 639-649.
  - (12) Murugesan. C and Subramanian. N(2015) – The Fibonacci Numbers of Asymptotically Lacunary of  $\chi^2$  over p - Metric Spaces Defined by Musielak Applied Mathematical Sciences, Vol. 9, no. 20, pp. 979-988
  - (13) Murugesan. C and Subramanian. N(2015)- The Ideal Convergence of Difference Strongly of  $\chi^2$  in p - Metric Spaces Defined by Modulus International Journal of Mathematical Analysis, Vol. 9, no. 44, pp. 2189-2200
  - (14) Murugesan. C and Subramanian. N(2016) – The entire Sequence over Musielak p - Metric Space  
Journal of the Egyptian Mathematical Society, vol 24(2), pp.233-238.
  - (15) Murugesan. C and Subramanian. N(2016)- The multi Ideal Convergence of Difference strongly of  $\chi^2$  in p - Metric Spaces Defined by Modulus  
Modern Applied Science, Vol. 10, no. 1, pp. 65- 75 .
  - (16) Murugesan. C and Subramanian. N(2017) - The  $\Gamma_3$  of ideal fuzzy real numbers over p-metric spaces defined by musielak-orlicz function. Far East Journal of Mathematical Sciences(FJMS), Vol. 101, no. 5, pp.993-1011
  - (17) Murugesan. C and Subramanian. N(2018) – Rough Convergence of Bernstein Fuzzy I- Convergence of  $\Gamma_{f(\Delta,p)}^{3I(F)}$  Space Defined by Orlicz

Function. International Journal of Pure and Applied Mathematics ,Vol 118 No. 1 , 2018, 137-148.

## National Journal

- (1) Subramanian. N and Murugesan. C (2008), "The double Orlicz sequence spaces of  $r^2_M(p)$  and  $\Lambda^2_M(p)$ ", Far East Journal of Mathematical Sciences. Vol. 29, No. 1, pp. 21-34 (Scopus).
- (2) Subramanian. N and Murugesan. C (2009), "The difference Orlicz space of entire sequences", Journal of the Indian Academy of Mathematics, Vol. 31. No.1, pp. 269-276.
- (3) Subramanian. N and Murugesan. C (2010), "A Subset of the space of the double entire sequences", Journal of the Assam Academy of Mathematics, Vol. 2, pp. 13-30.
- (4) Murugesan. C and Subramanian. N(2012), "Generalized difference semi normed double entire sequence spaces defined by a modulus function", Far East Journal of Mathematical Sciences, Vol. 66, No. 1, pp. 127-143 (Scopus).

## International Conference

- (1) Murugesan. C and Subramanian. N(2013), "The p-metric space of  $r^2$  defined by Musielak", International Conference on Mathematics (ICM 2013), Kochi, Kerala, India, pp. 41.

## National Conference

- (1) Murugesan. C (2010), "The double sequence spaces", National Symposium on Mathematical Methods and Applications, IIT Madras, pp. 15.
- (2) Murugesan. C (2012), "The double growth rate of Orlicz sequence spaces", National Conference on Mathematical and Computational Modelling, Sathyabama University, pp. 229-242.

## **List of Books Authored:**

- (1) Engineering Mathematics – I(2004)
- (2) Engineering Mathematics – II(2004)
- (3) Engineering Mathematics – II(2006)
- (4) Engineering Mathematics – III(2004)
- (5) Engineering Mathematics – IV(2006)
- (6) Basic Mathematics(2004)
- (7) Numerical Mathematics(2004)
- (8) Numerical Mathematics(2006)
- (9) Operational Research(2004)