

RESUME

Dr. S. SAHAYA JERNITH

W/o A. John Vimal Nathan,

41/c New Street,

Kajapattai,

Trichy-620 001.

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CAREER OBJECTIVE:

Intend to work with groups and lead a team with my leadership skills and seeking a position to utilize my skills and abilities that offer security and professional growth. I will be innovative and flexible.

ACADEMIA

DOCTOR IN PHILOSOPHY

- Thesis titled “A STUDY ON ANALYTICAL SOLUTION OF SOME FRACTIONAL DIFFERENTIAL EQUATIONS” for Ph.D in MATHEMATICS to Bharathidasan University, Trichy, Tamil Nadu, India. Awarded Year : 2020.

MASTER IN PHILOSOPHY

Course : **M.Phil in “Mathematics”**
University : **Bharathidasan University, Trichy**
Year of Passed : **2013**
Institution Study : **St. Joseph’s College(Autonomous), Trichy Dt, Tamil Nadu, India.**
Percentage of Marks : **90.08%**

POST GRADUATE

Course : **M.Sc in “Mathematics”**
University : **Bharathidasan University, Trichy**
Year of Passed : **2012**
Institution Study : **St. Joseph’s College(Autonomous), Trichy Dt, Tamil Nadu, India.**
Percentage of Marks : **88.03%**

UNDER GRADUATE

Course : **B.Sc in “Mathematics”**
University : **Bharathidasan University, Trichy**
Year of Passed : **2010**

Institution Study : **Holy Cross College(Autonomous)**,Trichy Dt, Tamil Nadu, India.
Percentage of Marks : **84%**

HIGHER SECONDARY:

School Studied : **St.Philomena's Girls Hr.Sec.School**,Trichy Dt, Tamil Nadu, India.
Year of Passed : **2007 (State Board)**
Percentage of Marks : **84%**

SSLC:

School Studied : **St.Philomena's Girls Hr.Sec.School**,, Trichy Dt, Tamil Nadu, India
Year of Passed : **2005 (State Board)**
Percentage of Marks : **82%**

STRENGTHS

- ✓ Self Confidence.
- ✓ Smart & Hard worker.
- ✓ Involvement & Commitment to learn new thing.
- ✓ Excellent Individual & Team working capability.
- ✓ Flexibility

TECHNICAL SKILLS

- Latex
- MATLAB

AREA OF INTEREST

- ✓ Differential Equations
- ✓ Real Analysis
- ✓ Algebra

SUCCESSFUL PROJECTS

- Numerical Methods for Solving Differential Equations with MATLAB on “**M.Phil Mathematics**”
- Application of Graph Theory in Physical Sciences and Managerial Problems on “**M.Sc Mathematics**”

PAPERS PUBLISHED

1. S. Ruban Raj and S. Sahaya Jernith, Fractional Calculus of Logarithmic Functions , International Journal of Mathematics and Computer Research-Volume 4, Issue 04, April 2016, PP 1296-1303.
2. S. Ruban Raj and S. Sahaya Jernith, Solving Fractional Derivative of Some Functions, International Journal of Mathematics Trends & Technology, Vol.52, No.2, December 2017, PP 88 - 92. **(UGC approved list)**
3. S. Ruban Raj and S. Sahaya Jernith, Analytical Solution of Linear Fractional Differential Equation Using Fractional Laplace Transform, Annals of Pure and Applied Mathematics, Vol.15,(I - A), 2018, December 2017, PP 209-214. **(UGC approved list)**
4. S. Ruban Raj and S. Sahaya Jernith, Analytical Solution of Linear Fractional Differential Equation with Hyperbolic Functions, Asia Pacific Journal of Research, Vol 1, Issue-LXXXVI, March 2018, PP 2347-4793. **(UGC approved list)**
5. S. Ruban Raj and S. Sahaya Jernith, Analytical Solution of Linear Fractional Differential Equation Using Fractional Laplace Transform, Mathematical Sciences International Research Journal, Vol-7,2018,PP 143-146. . **(UGC approved list)**
6. S. Ruban Raj and S. Sahaya Jernith, Analytical Solution of Linear Fractional Differential Equation Using Inverse Fractional Laplace Transform, International Journal of Engineering Development and Research,Vol-6,Issue1,2018,PP619-622. **(UGC approved list)**

PAPERS PRESENTED IN CONFERENCE

1. S. Ruban Raj and S. Sahaya Jernith, Fractional Calculus of Logarithmic Functions, National Conference on Advancements in Mathematical Sciences (NCAMS-2016), St. Joseph's College,Trichy, Date: 7-8th Jan 2016.
2. S. Ruban Raj and S. Sahaya Jernith, Solving Fractional Derivative of Some Functions, National Conference on Annals of Pure and Applied Mathematics (NCAPAM-2016), MVJ college of Engineering, Bangalore, Date: 14-15th July 2016 .
3. S. Ruban Raj and S. Sahaya Jernith, Solution for Certain Linear Fractional Differential Equations, UGC Sponsored International Conference on Mathematical Modeling and Computational Methods in Sciences and Engineering (ICMMCMSE-2017), Alagappa University, Karaikudi, Date: 20-22nd Feb 2017.
4. S. Ruban Raj and S. Sahaya Jernith, Analytical Solution of Linear Fractional Differential Equation Using Fractional Laplace Transform, International Conference on Mathematical Methods and Computation (ICOMAC-2017), Jamal Mohamed College, Trichy, Date: 11th Dec 2017.
5. S. Ruban Raj and S. Sahaya Jernith, Analytical Solution of Linear Fractional Differential Equation Using Inverse Fractional Laplace Transform, International Conference on Computing Sciences (ICCS-2018), Loyola College, Chennai, Date: 8-9th Jan 2018 .

CONFERENCE ATTENDED

1. Participated in National Conference on Applications of Mathematics – Recent Trends (4NCAM-RT), St. Joseph’s College, Trichy, Date 15-16th Dec 2016.
2. Participated in National Workshop on Analysis and Algebra, St. Joseph’s College, Trichy, Date 26th Feb – 2nd Mar 2018

EXPERIENCE

1. Worked in Dhanalakshmi Srinivasan Engineering College as Assistant Professor from 9.7.2013 to 3.6.2014
2. Working in St.Joseph’s College(Autonomous), Trichy as Assistant Professor from 2021 to till now.

PERSONAL PROFILE

Name : S. Sahaya Jernith
Husband Name : A. John Vimal Nathan
Date of Birth : 23-10-1989
Sex : Female
Blood Group : 0+ (Positive)
E-mail id : jernith1989@gmail.com
Nationality : Indian
Religion : Christian (Roman Catholic)
Caste : Kallar
Subdivision : BC
Permanent Address : 41/c New Street, Kajapattai,
Trichy-620 001.
Contact Number : 9025005955 and 9442785594
Proficiency Linguistic: English, Tamil (R/W/S)

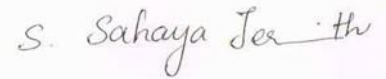
DECLARATION

I hereby declared that the above information furnished by me is true to the best of my knowledge and belief.

Place: Trichy

Date:

Applicant Signature

A handwritten signature in black ink on a light pink background. The signature reads "S. Sahaya Jernith" in a cursive script.

(S. Sahaya Jernith)