

CURRICULUM VITAE

Ms. A. MOHANAPRIYA
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Google Scholar URL: <https://scholar.google.com/citations?user=sCAA-EAAAAAJ>
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OBJECTIVE

To play a vital role in the organization which will provide me an opportunity to prove myself beneficial to the growth of the organization and help me for my professional as well as personal development and to contribute to the field of mathematics.

PROFESSIONAL EXPERIENCE

- More than 9 years of experience in the teaching field.
- Over 1 year of online teaching experience as a mathematics lecturer in Dhanalakshmi college of Engineering, Chennai, from 2008 to 2009.

PROFESSIONAL SUMMARY

- Working as an **Assistant Professor** from **June 2013 to till date** in **Adhiyamaan College of Engineering (Autonomous)**, Hosur-635109, Tamil Nadu (**8 Years 10 Months**).
- Worked as a **Lecturer** from **Jan 2013 to May 2013** in **St Joseph Arts and Science Women College**, Hosur-635109, Tamil Nadu (**5 Months**).
- Worked as **Lecturer** from **2008 - 2009** in **Dhanalakshmi College of Engineering**, Chennai, as per the assignment given by **Everonn System India Ltd**, Chennai, Tamil Nadu (**1 Year**).

QUALIFICATION SUMMARY

Ph.D. (Pursuing) Mathematics (Part Time)

University : Periyar University, Salem.

Year of Registered : September-2017.

Provisional Registration Confirmed on 05-03-2019.

Thesis has been submitted.

Tamil Nadu State Eligibility Test (TNSET)

Contacted by : Government of Tamil Nadu
Status : Qualified
Year of Passing : 04-03-2018

M.Phil. Mathematics (Full Time)

Institution : P.S.G College of Arts & Science, Coimbatore.
University : Bharathiar University, Coimbatore.
Percentage : 83% (First Class)
Year of Passing : May 2012.

M.Sc Mathematics (Full Time)

Institution : P.S.G College of Arts & Science, Coimbatore.
University : Bharathiar University, Coimbatore.
Percentage : 91.56%. (First Class with Distinction)
Year of Passing : May 2011.

PGDCA (Part Time)

Institution : Bharathiar University, Coimbatore
University : Bharathiar University, Coimbatore.
Percentage : 67.40%.
Year of Passing : May 2010.

B.Sc Mathematics (Full Time)

Institution : NGM Arts & Science College, Pollachi
University : Bharathiar University, Coimbatore.
Percentage : 90.68%. (First Class)
Year of Passing : May 2008.

Higher Secondary Examination (12th Standard)

Institution : G.V.G. Hr. Sec. School, Udumalpet.
University/Board : State Board of Tamilnadu.
Percentage : 83.25%.
Year of Passing : May 2005.

SSLC Examination (10th Standard)

Institution : Govt High School, Divansapudur, CoimbatoreDt.
University/Board : State Board of Tamilnadu.
Percentage : 89.20%.
Year of Passing : May 2003.

JOURNAL DETAILS

- **Arusamy Mohanapriya**, 2020 “Mittag-Leffler-Hyers-Ulam stability of differential equation using Fourier transform”, **Advances in Difference Equations**, (2020) 2020:389. (Impact Factor: 2.803) **(Indexed in SCOPUS, SCI) (Springer)**
- **Arusamy Mohanapriya**, 2021 “Mittag-Leffler-Hyers-Ulam stability of delay fractional differential equation via fractional Fourier transform”, **Results in Mathematics**, (2021) 76:180. (Impact Factor: 1.52) **(Indexed in SCOPUS, SCI) (Springer)**
- **Arusamy Mohanapriya**, 2020 “Fractional Fourier transform and stability of fractional differential equation on Lizorkin space”, **Advances in Difference Equations**, (2020) 2020:578. (Impact Factor: 2.803) **(Indexed in SCOPUS, SCI) (Springer)**
- **Arusamy Mohanapriya**, 2020 “A study on fractional differential equations using the fractional Fourier transform”, **Advances in Difference Equations**, (2020) 2020:691. (Impact Factor: 2.803) **(Indexed in SCOPUS, SCI) (Springer)**
- **Arusamy Mohanapriya**, 2020 “Hyers-Ulam stability of first order linear differential equation using Fourier transform methods”, **Journal of Physics: Conference Series**, 1597 (2020) 012027. (Impact Factor: 0.55) **(Indexed in SCOPUS)**
- **Arusamy Mohanapriya**, 2020 “The Fourier transform Approach to Hyers-Ulam stability of differential equation of second order”, **Journal of Physics: Conference Series**, 1597 (2020) 012027. (Impact Factor: 0.55) **(Indexed in SCOPUS)**
- **Arusamy Mohanapriya**, 2020 “Hermite-Hadamard type of inequalities for harmonically convex function using Fourier integral transform”, **Advances in Mathematics: Scientific Journal**, 9 (2020) 3193-3202. (Impact Factor: 0.12) **(Indexed in SCOPUS)**
- **Arusamy Mohanapriya**, 2020 “New Generalization of Hermite-Hadamard type of inequalities for convex functions using Fourier integral transform”, **Thai Journal of Mathematics**, 18(3) (2020) 1051-1061. (Impact Factor: 0.34) **(Indexed in SCOPUS, ESCI)**
- **Arusamy Mohanapriya**, 2021 “A generalized approach of fractional Fourier transform to stability of fractional differential equation”, **Korean Journal of Mathematics**, 29(4) (2021) 749–763. (Impact Factor: 0.55) **(Indexed in SCIE)**
- **Arusamy Mohanapriya**, 2022, “Stability of differential equation for logistic growth in a population model using Mahgoub transform”, **IAENG International Journal of Applied Mathematics** (Under Review). (Impact Factor: 1.35) **(Indexed in SCOPUS)**

AUTONOMOUS ACTIVITIES

- Involving in the **NBA Committee** at the department level
- Involving in the **NAAC Committee** at the department level
- Involving in the Accreditation activities like **NBA, NAAC & ISO**
- External Valuator for Anna university zonal valuation
- Internal Valuator for Autonomous Semester Examination
- Examination in charge (Autonomous Semester & Unit test / Model Exams Duty Allotment)

TECHNICAL SKILLS

- Languages Known : **C, C++, Latex, R, MATLAB.**
- Area of Interest : Differential Equations, Probability, Statistics and Algebra

Ph.D THESIS TITLE

Title : Study on Mittag-Leffler-Hyers-Ulam Stability of Differential Equations Using the Transform Method.

M.Phil THESIS TITLE

Title : On the Spectral Properties of Some Classes of Operators

PERSONAL PROFILE

Father's Name : Mr. Arusamy.
Sex : Female.
Date of Birth : 05.03.1988.
Marital Status : Married.
Nationality : Indian.
Mother Tongue : Tamil.
Languages known : Tamil, Kannada and English.
Permanent Address : Plot No : 47, Omkaar City, Viswanathapuram Village,
Avalapalli (PO), Hosur-635109. Krishnagiri (Dist),
Tamil Nadu, India.

DECLARATION

I hereby declare that the particulars of information and facts stated above are true, correct, and complete to the best of my knowledge and belief.

Place:

Signature

Date:

(A. Mohanapriya)