

CURRICULUM VITAE

Personal data

DR.G . Gomathi Jawahar
Assistant Professor
Department of Mathematics
Karunya Institute of Technology and Sciences
Coimbatore-641114
Mobile: +91 9894100105
Email: gomathi@karunya.edu



Education

Ph.D (Mathematics)-Difference Equations

Karunya Institute of Technology and Sciences, Coimbatore, India. 2012

M.Phil (Mathematics)

Madurai Kamaraj University, Madurai, India. 2002

M.Sc (Mathematics)

Nirmala College for women, Bharathiar University, Coimbatore, India. 1995

B.Sc (Mathematics)

PSGR Krishnammal College for women, Bharathiar University, Coimbatore, India. 1993

Research focuses/Title of dissertation

Focuses: Neutral Delay Difference Equation, Oscillation Behaviour, Asymptotic Behaviour.

Title of thesis: A study on Certain types of Neutral Delay Difference Equations

Ph.D Guidance

Ongoing-2

M.Sc/M.Tech Project guided

M.Sc-4

Teaching

Since sep 2009 Assistant Professor, Department of Mathematics, Karunya University, Coimbatore.

June 2002 –Aug 2009 Lecturer and Senior lecturer, Department of Mathematics, Karunya University, Coimbatore.

May 2000-May 2002 Lecturer, Department of Mathematics, Maharaja Engineering College, Avinashi.

Journal Publications (Selected), Scopus-11.

- 1.Oscillation of Neutral delay difference Equations with positive and negative coefficients, 'Far East journal of Mathematical Sciences', volume 41(2) , 217-231 , 2010.
- 2.Global behavior of Third order Neutral Delay Difference Equations, 'International journal of Mechanical Engineering and Technology', 9(4), 177-184 , 2018.
3. Oscillation Behaviour of second order Neutral Delay Difference Equations, 'International journal of Mechanical Engineering and Technology', 10(2), 150-154 , 2019
4. Qualitative Analysis on first order Neutral Delay Difference Equations,' International journal of Mechanical and Production Engineering Research and Development' 9(3) 1051-1056, 2019.
5. Existency Results of first order Neutral Delay Difference Equations with positive and Negative Coefficients in the Neutral term,'Advances in Mathematics: Scientific Journal', 10(3) 1331-1339, 2021.

Books published

1. Difference Equations: An Improved Approach in Oscillation Theory, G. Gomathi Jawahar, **LAMBERT** Academic Publishers, Germany, ISBN 978-620-4-20260-0.

Online courses completed: 3:

Resource person:

Paper presentation: International & National- 12

Seminars organized: 2

Guest lecture delivered: 2

Membership: ISDE