

Faculty Profile



Dr. M. Vijayakumar, M.Sc, M.Phil, Ph.D
Assistant Professor(OG)– Mathematics

HIGHLIGHTS:

- Number of Journal Publications: 4
- H-Index: 3
- Patents Published: Nil

PROFESSIONAL LINKS:

- Scopus ID: 57225399308
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=56192130900>
- Google Scholar ID: <https://scholar.google.com/citations?user=xExPSp0AAAAJ&hl=en>
- Anna University Faculty ID: 2644631994
- AICTE Faculty ID: 1-4774834084
- Anna University Supervisor ID: Nil
- LinkedIn: www.linkedin.com/in/dr-m-vijayakumar-ab0069279
- Orcid ID: <https://orcid.org/0000-0003-2823-1524>

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 5 Years 5 Months
- Industrial Experience: -

AREA OF SPECIALIZATION:

- Oscillation Theory of Difference and Differential Equations

PATENTS PUBLISHED: Nil

ACHIEVEMENTS AND AWARDS:

- **Best Poster Presented Award** a paper at the “Dr. Paarivendhar Research Colloquium-2024” (DPRC-2024) Organized by the SRM Institute of Science and Technology, Kattankulathur, from 26th -28th March 2024, titled **Oscillation of Second-Order Noncanonical Advanced Type Neutral Differential Equations.**

Important Publications:

1. **M. Vijayakumar, S.K. Thamilvanan, J. Joshan, E. Thandapani, On the oscillation of solutions of nonlinear second-order neutral differential equations with advanced arguments, *AIP Conf. Proc.*, 2516, 310004 (2022), DOI: [10.1063/5.0108641](https://doi.org/10.1063/5.0108641)(SCOPUS) Q4.**
2. **M. Vijayakumar, S. Thamilvanan, E. Thandapani, Oscillation of 3rd-order advanced difference equations with a negative middle term, *J. Math. Computer sci.*, 28(2023), 316- 325, DOI: [10.22436/jmcs.028.04.01](https://doi.org/10.22436/jmcs.028.04.01) (SCOPUS & ESCI) Q1 IF:1.20.**
3. **M. Vijayakumar, S.K. Thamilvanan, B. Sudha, S.S. Santra, Dumitru Baleanu, Superlinear distributed deviating arguments to study second-order neutral differential equations, *J. Math. Computer sci.*, 33(2024), 217-224, DOI:[10.22436/jmcs.033.03.01](https://doi.org/10.22436/jmcs.033.03.01) (SCOPUS & ESCI) Q1 IF:1.20.**
4. **Muniyappan Vijayakumar, Gopal Shankar, Ilhem Kadri, Manal Y. A. Juma and Nidal E. Taha, Oscillation of Second-Order Noncanonical Advanced Type Neutral Differential Equations, *Mathematics* 2026, Volume 14, Issue 18, 3423, <https://doi.org/10.3390/math14183423>(SCOPUS & ESCI) Q1 IF:2.30.**