



Dr. ANJU THOMAS

Assistant Professor · Department of Mathematics

MOBILE 9961311573

EMAIL anjuthomas@sgcaruvithura.ac.in

EMAIL anjuplathottam@gmail.com

APPOINTMENT

Joined 20-01-2025 · **Teaching** 1 Year, 7 Months · **Research** 5 years

SPECIALISATION

Intuitionistic Fuzzy Sets and its Applications in Operations Research

COURSES HANDLED

Ground Roots of Mathematics · A Gateway to Mathematics · Building Blocks for Higher Mathematics · Matrix Algebra and Number Theory · Fundamentals of Analysis · Fundamentals of Groups and Rings.

QUALIFICATIONS

Ph.D — Mathematics

2024

St. Thomas College Palai, M.G University

Thesis: Application of Intuitionistic Fuzzy Set Theory in Optimization Techniques

M.Sc — Mathematics

2014

St. Thomas College Palai, M.G University

A Plus (3.81)

EXPERIENCE

Assistant Professor

20-1-2025 – Present

St. George's College Aruvithura · Teaching

JOURNAL PAPERS

- [1] Anju Thomas, Shiny Jose, "Cardano Pentagonal Fuzzy Number for Decision Making," *Bulletin of Calcutta mathematical Society*, vol. 116, no. 1, pp. 129-150, 2024.
- [2] Anju Thomas, Shiny Jose, "Analysis of Transportation Problem under Spherical Fuzzy Environment," *AIP Conference Proceedings* 2875, pp. 1-6, 2023. ISSN 978-0-7354--4567-3. doi: <https://doi.org/10.1063/5.0154105>.
- [3] Anju Thomas, Shiny Jose, "Pythagorean Fuzzy Approach to Game Theory," *Indian Journal of Science and Technology*, vol. 16, no. 4, pp. 22-28, 2023.
- [4] Anju Thomas, Shiny Jose, "Intuitionistic Fuzzy Approach in solving Travelling Salesman Problem," *International Journal of Scientific Research in Mathematics and Statistical sciences*, vol. 6, no. 1, pp. 173-177, 2019. ISSN 2348-4519.
- [5] Anju Thomas, Shiny Jose, "Intuitionistic Approach to Heptagonal Fuzzy Number," *International Journal of Mathematics, Trends and Technology*, vol. 65, no. 2, pp. 12-21, 2019. ISSN 2349-5758.

TRAINING & FDPS

Faculty Induction Programme

18-6-2026-17-7-2026,
4 weeks

Orientation programme · Malaviya Mission Teacher Training Centre Kannur University · Kannur · Online

NEP 2020 Orientation & Sensitization Programme

20-9-2025-30-9-2025

Short-term course · UGC MMTTC University of Kerala · Trivandrum · Online

LANGUAGES

Malayalam and English