Ms. MEGHANA P. V.

Assistant Professor
MSc. (Mathematics)
2 years of Research Experience & 1.5 years of Academic Experience

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Dedicated mathematics educator who aims to motivate students to explore the realms of mathematics and holds a bachelor of science in PCM from St Joseph's College affiliated to Bangalore University, MSc in Mathematics from St Joseph's College affiliated to Bangalore University. I have 2 years of experience as a Research Assistant at International Institute of Information Technology Bangalore, in the field of Cryptography. My primary goal is to foster a deep understanding of every concept, discouraging the reliance on mere memorization.

Achievements:

- Cleared the NMMS scholarship exam – 2011, conducted by Government of Karnataka and received an amount of Rs. 6000 per annum for 4 years.
- Awarded a **gold medal** for securing top position in MSc. Mathematics, from St. Joseph's College (Autonomous).

Areas of expertise (Subjects handled):

- Engineering Mathematics.
- Graph Theory.
- Discrete Mathematical Structures.
- Linear Algebra.

FDP & Conferences:

- "Mentor's Training Programme" organized by Career Guidance, Training & Placement Cell, TJGI, Bengaluru.
- FDP on TJfdpIT – 2024: Advanced Pedagogy Skills & 21st Century Soft Skills, at TJIT Bengaluru.
- Training Program on First Aid, Stress Management and Work Life Balance organized by the Human Resource Department, TJGI, Bengaluru.
- Session on TinyML with Edge Impulse organized by Robocraze in association with TJIT, Bengaluru.
- Participated in 29th International Conference on Advanced Computing and Communications (ADCOM 2024) at IIIT Bangalore.
- Completed a FDP course on "Outcome Based Pedagogic Principles for Effective Teaching.

List of Publications

Meghana Vargheese and Srinivas Vivek. "Attack on the Privacy-Preserving Carpooling Service TAROT" – ICISS conference 2023, NIT Raipur.