

Name: Kaviarasi J

Degree: ME CSE

Designation: Assistant Professor

Experience: 3 years

Area of Specialization: Software Testing

Contact (Email id): kaviarasij@stjosephs.ac.in

Subjects Handled:

- Programming in C
- Python Programming
- Java
- Data and Information Security
- Basics Of Computer Vision
- Graph Theory
- Computer Network
- Introduction to Artificial Intelligence
- Advanced Artificial Intelligence
- Operating System

Publications:

Conference:

Published a paper titled “Enhancing Cohesion Metrics in Refactoring with Code Smells” in the International Journal of Advanced Research in Computer Engineering & Technology (IJARCET.)

Journal:

Published a paper titled “Federated learning-enabled CNT sensor networks for VOC detection

and environmental monitoring” in the Microchemical Journal. 218. 115412.
10.1016/j.microc.2025.115412.

Book Published:

Published a book on “COMPUTER ORGANIZATION AND ARCHITECTURE”, 2024
by Rest Publishers Ltd, ISBN : 978-81-989243-2-2.

Patents Published:

- Published a Patent on “Encrypted Federated Learning Framework for Collaborative Model Training with Privacy Guarantees” (Application No:202441069131).
- Published a Patent on “Quantum Computing Algorithms for Solving Large-Scale Optimization Problems” (Application No.202541079874 A)

Google Scholar ID: <https://scholar.google.com/citations?user=9V3ZyyIAAAAJ&hl=en>

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