



SRI SHRIDEVI CHARITABLE TRUST (R.)

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY



NAME: SUPREETHA E M

Designation: Assistant Professor

Department: Cyber Security

Date of Joining	01-06-2026		
Professional	Teaching	Industry	Research
Experience	9 months	6 months	6 months

Contact Details

Email ID	supreetha@shrideviengineering.org
LinkedIn	https://www.linkedin.com/in/supreetha-em22/
Research ID	ICERECT2025-1224

Academic Background

- MCA

Areas of Interest

• PYTHON	• JAVA
• COMPUTER NETWORKS	• WEB DEVELOPMENT

Significant Publications

- **No. of Papers Presented and Published in Conferences (01 and Title: “AI-Powered Healthcare Assistant for Breast Cancer Diagnosis”)**
Description: Presented and published a research paper titled “AI-Powered Healthcare Assistant for Breast Cancer Diagnosis” at ICERECT-2025, a prestigious international conference technically sponsored by IEEE Bangalore Section. Designed and proposed an AI-driven healthcare solution leveraging machine learning algorithms for early breast cancer detection, predictive diagnosis, and clinical decision support. The research demonstrated the potential of intelligent healthcare systems to enhance diagnostic accuracy.

Certification-01: Automation Testing Skills

Description:

- Earned certification in Automation Testing Skills through a program conducted by GUVI in collaboration with HCL.

- Developed foundational expertise in automation testing, quality assurance practices, and testing life cycles.
- Improved readiness for QA and Test Automation roles through industry-oriented learning.

Certification-02: JAVA NPTEL

- Successfully completed the Java Programming certification course from NPTEL.
- Gained proficiency in object-oriented programming, exception handling, collections, and core Java concepts.
- Strengthened problem-solving and programming skills through assignments and assessments.

Certification-03: Generative AI Mastermind

- Earned a certification in Generative AI Mastermind, focusing on modern AI technologies and applications.
- Developed expertise in generative AI workflows, prompt design, and AI-powered content generation.
- Strengthened analytical and problem-solving skills through hands-on learning and practical use cases.

Certification-04: IETE PYTHON

- Earned a certificate for successfully completing the Python Internship offered by IETE.
- Gained hands-on experience in Python programming and software development fundamentals.
- Strengthened coding, debugging, and analytical skills through practical learning activities

Certification-05: PAPER PRESENTED

- Certified presenter of the research paper “AI-Powered Healthcare Assistant for Breast Cancer Diagnosis” at Fifth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2025).
- Explored AI and Machine Learning techniques for early breast cancer detection and diagnostic assistance.

Achievements

- **AWARDS: YUVA SWARA**

Description:

Honored with the YUVA SWARA Award at YUVOTTHANA – State-Level Convention, on the occasion of National Youth Day.

Participated in the State Level Yuva Janotsava Singing Competition, organized by the Central Government.

- **INDUSTRY EXPOSURE: QREAM SOLUTION PVT LTD.**

Description:

Contributed as a Software Developer and Tester at Qreams Solutions Pvt. Ltd., worked on real-world web applications involving frontend development, integration, and testing. Gained hands-on experience in modern tech stacks, debugging, and Agile collaboration.