

PROFILE

Name: Ramalakshmi.S

Designation: Assistant Professor

Department: Information Technology

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Profile Summary

I am a dedicated academician currently serving as an Assistant Professor in the Department of Information Technology at Sri Sairam Engineering College. I am a University Rank Holder in my M.E. (Computer Science and Engineering), demonstrating strong academic excellence and commitment to continuous learning.

I brings extensive academic and professional experience including 2.5 years as Assistant Manager in a reputed company and 2 years of online and home tutoring experience. I have teaching philosophy emphasizes conceptual clarity, practical exposure, and professional ethics.

Educational Qualifications

- M.E., Computer Science and Engineering — University Rank Holder, Karpaga Vinayaga College of Engineering and Technology, Chennai (2014) – 85.6%
- B.E., Computer Science and Engineering, King College of Technology, Namakkal (2011) – 82.7%
- HSC, Government Higher Secondary School, Mulanur (2007) – 73.25%
- SSLC, Government High School, T. Kunnathur (2005) – 81.8%

Professional Experience

- Assistant Professor, Department of Information Technology, Sri Sairam Engineering College, Chennai(Joined August 1,2025).
- 2.5 years Industrial Experience as Assistant Manager in a reputed company.
- 2 years teaching experience as an online tutor.

Technical Skills

- Programming Languages: C, C++, Java, .NET
- Operating Systems: Red Hat Linux 9.0, Windows

Areas of Interest

- Software Project Management
- Database Management Systems
- Object-Oriented Analysis and Design
- Networking Concepts
- Software Testing
- Mobile Computing
- Artificial Intelligence

Certifications

- NPTEL Certification: Ethics in Engineering Practice

Strengths & Soft Skills

- Excellent communication and presentation skills
- Quick learner with strong analytical abilities
- Hardworking and cooperative team player
- Strong time management and leadership qualities
- Critical thinking and problem-solving skills

Academic & Co-curricular Activities

- Presented a paper at an International Conference at VIT University, Vellore
- Won Second Prize in inter-school debate competition
- Won First Prize in school-level speech competition

Project Highlights

Title: MANET Routing Using Adaptive Position Update

Domain: Mobile Computing

Tools & Technologies: NS-2, C

Protocols: GPSR, AODV, DSR

Project Summary:

Developed a geographic routing strategy for Mobile Adhoc Networks based on adaptive position updates to enhance routing accuracy and reduce overhead by adjusting update frequency according to node mobility and forwarding relevance.