

M.Syedalifathima

Asst. Professor & Head (Dept. of computer science)

Jayarani College,

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Academic Background

- Master of Philosophy in Cloud Computing
Periyar University, Salem, 2016
 - Master of Science in Computer Science
Govt. Arts College, Salem (Affiliated to Periyar University, Salem)
College Topper, 2014
 - Bachelor of Computer Applications
Govt. Arts College, Salem (Affiliated to Periyar University, Salem)
State-Level Topper, Government Colleges, 2012
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Professional Experience

- Assistant Professor of Computer Science
Jayarani Arts and Science College for Women, Salem, Tamil Nadu
 - June 2014 – July 2016 (2 Years)
 - December 2023 – Present (10 Months)
 - Head of the Computer Science Department
Jayarani Arts and Science College for Women, Salem, Tamil Nadu
 - July 2024 – Present (4 Months)
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Specialized Areas of Expertise

- Networking

- Cloud Computing
 - Python, Java, JavaScript
 - Mobile Computing
 - Data Mining and Data Warehousing
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Research Contributions

- M.Phil. Thesis: “Exploiting GPS Vulnerabilities in Cloud Computing: A Study on Tracking-Based Cyber Attacks” – May 2016.
 - Postgraduate Projects:
 - ***“Privacy Preserving and Content Protecting Location-Based Queries”***, June 2013
 - ***“Automated Generation of Ontology Domain Learning from Electronics Textbooks”***, June 2014
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Research Publications and Conference Contributions

National Conferences

- Syedalifathima. M, Renuka. T, Santhosima. A, “Application of Deep Learning Techniques,” ***National Conference on Data Science***, Govt. Arts College, Erode, India, Dec 21, 2011.
 - Syedalifathima. M, Sangeetha. A, “Big Data and Analytics,” ***National Conference on Real-Time Data Analytics and Streaming***, Kailash Women’s College, Nangavalli, Salem, Feb 21, 2013.
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Conferences, Seminars, Workshops, and Training

Programs Attended

- ***National Level Conference, Erode: Bridging the Gap Between Innovation and Usability in Android*** – Feb 11, 2010.

- *State-Level Paper Presentation, Salem: The Impact of Multimedia in Marketing and Advertising – Aug 5, 2010.*
 - *State-Level Presentation: Boosting Productivity in Database Management with Visual Studio Code SQL Extensions – Mar 14, 2011.*
 - *State-Level Presentation, Salem: Security Protocols in Wireless Networks: Protecting Data in Transit – Aug 3, 2012.*
 - *State-Level Presentation, Salem: Privacy and Security Issues in GPS Tracking: Mitigating Risks in Personal and Corporate Use – June 3, 2013.*
 - *Cybersecurity Training:*
 - *Naan Mudhalvan Cybersecurity Training – Feb 2023*
 - *Naan Mudhalvan Cybersecurity Training via Infosys Springboard – July 2024*
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Positions of Responsibility

At Jayarani Arts and Science College for Women (JCS)

- **Head of Computer Science Department**
- **Assistant Professor/Faculty Advisor**
- **Naan Mudhalvan Coordinator**
- **Innovation Cell Coordinator**
- **AYUSH Nodal Officer**

External Positions

- **Assistant Professor of Computer Applications**
 - **Assistant Professor of Computer Science**
 - **Placement Head, Computer Science Department**
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This profile reflects an impressive trajectory in academic leadership, research in cloud computing vulnerabilities, and expertise in computer science domains, underscoring a robust commitment to innovation in education and technology.