

C. Sariga

Assistant Professor (Dept. of Computer Science)

Jayarani College

Nethimedu, Salem, Tamil Nadu, India

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Academic Background

Master of Philosophy in Image Recognition
PRIST University, Trichy, 2014

Master of Computer Science
Vivekananda Institute of Engineering and Technology for Women, Elayampalayam,
Tiruchengode, Namakkal Dt (Affiliated to Anna University, Chennai), 2012

Bachelor of Computer Applications
Sengunthar Arts and Science College, Tiruchengode, (Affiliated to Periyar University) 2009

Professional Experience: 7 Years

Assistant Professor

- July 2012 – 2019: 6 Years, 7 Months
 - July 2024 - Present: 4 Months
- Jayarani Arts and Science College for Women, Nethimedu, Salem, TN, India
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Areas of Specialization

- Digital Image Processing
 - Networking
 - Python
 - Java
 - Data Mining and Data Warehousing
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Research Contributions

- Master of Philosophy Dissertation: “Online Shopping Portal with Payment Gateway Integration,” Aug 2014
- Postgraduate Project: “Analysis of Deep Learning Techniques for Image Recognition,” June 2012

Research Publications in Conferences

National Conferences

- C. Sariga, "Predictive Maintenance in Manufacturing," National Conference at KSR Arts and Science College, Tiruchengode, India, 24th January 2009.
 - B. Subbulakshi, P. Soundarya, C. Sariga, "Enhancing Network Intrusion Detection using Deep Learning," National Conference at Sona Engineering College, Salem, 11th April 2011.
 - C. Sariga, "Health Care Analytics for Patient Outcomes," National Conference at Sengunthar Engineering College, 28th March 2012.
 - C. Sariga, "Identity and Access Management in Cloud Computing," National Conference at PRIST University, Thanjavur, 3rd April 2014.
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Seminars, Workshops, and Training Programs Attended

- National Level Conference, Salem, "Computer Vision Pattern Recognition," 12th February 2009
 - Paper Presentation, Tiruchengode, "Optimizing Data Center Energy Efficiency using Machine Learning," 10th September 2010
 - State Level Conference, Erode, "Android Application Development: Trends and Future Directions," 20th January 2011
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Positions Held

At JCS:

1. Assistant Professor of Computer Science
2. Coordinator, Women Empowerment Cell
3. UMIS Nodal Officer
4. Coordinator, Naan Mudhalvan Program

Outside JCS:

1. SC/ST Scholarship Incharge
2. Assistant Professor of Computer Science / Computer Applications