



FACULTY PROFILE ON WEBSITE

Faculty Name	Dr. Aruna M	
Academic Designation	Assistant Professor	
Educational Qualification	BCA., MCA M.Phil., Ph.D.,	
Experience in Teaching & Industry	20+ Years Teaching Experience	
Date of Joining	May 2025	
Official Email ID	arunasrini2005@gmail.com	
Employee ID	180850	

Educational Details

Ph.D. — Erode Arts and Science College, Periyar University, July 2023 — Awarded
M.Phil. — Annamalai University, Annamalai University, May 2008 — First Class (65%)
MCA — P.R. Engineering College, Thanjavur, Anna University, May 2005 — First Class (77%)
BCA — Ponnaiyah Ramajayam College, Thanjavur, Bharathidasan University, May 2002 — Distinction (79%)

Professional Experience

Vysya College, Salem — Aug 2005 to Mar 2006 (8 Months)
Velalar College of Engineering and Technology, Erode — Aug 2006 to Jun 2021 (14+ Years)
Vellalar College for Women, Erode — Sep 2021 to Apr 2023 (~2 Years)
Dr. N.G.P. Arts and Science College, Coimbatore — Jun 2023 to Apr 2025 (~2 Years)
Dayananda Sagar Academy of Technology and Management, Bangalore — May 2025 to Present

Publications

Journal Publications: 17 | International Conferences: 17 | National Conferences: 10
Books / Book Chapters: 3 | Patents Published: 4
Citations: 53 | h-index: 3 | Scopus Papers: 4 | UGC CARE Papers: 2
Ph.D. Thesis: "A Hybrid Fuzzy Label Propagation and Belief Peak Evidential Clustering Method for the Analysis of Breast Cancer Detection"

International Conferences:

1. Mining Association Rules to Discover Calendar Based Temporal Classification — Chettinad College of Engineering and Technology, Karur, Dec 2008
2. A Fuzzy Classification Problem with Incomplete and Missing Data — ICSE, Dayananda Sagar College of Engineering, Bengaluru, Apr 2010
3. A Fuzzy Faster Classification Algorithm with Vertical and Horizontal Fragmentation — Sri Krishna College, Coimbatore, Jul 2010
4. A Fuzzy Approach to Data Mining — RVS College of Engineering and Technology, Coimbatore, Jul 2011
5. A Fuzzy Classification to Identify the Risk in Diabetic Pregnancy — Coimbatore Institute of Technology, Aug 2011
6. Feature Selection for Share Market Dataset Using Entropy and Information Gain — Sri Krishna Arts and Science College, Coimbatore, Feb 2019
7. Prediction of Student Academic Performance Using Random Forest Regressor — Dr. N.G.P. Arts and Science College, Jan 2024
8. A Clinical Supporting System Using Hierarchical Approach to Improve Heart Disease Prediction — Dr. N.G.P. Arts and Science College, Jan 2024
9. A Comparative Study of Logistic Regression, Random Forest and XGBoost for Text Duplicate Detection — Dr. N.G.P. Arts and Science College, Jan 2025
10. Interpretable Deep Learning for Early Diagnosis of Diabetic Retinopathy using Lightweight Vision Transformers — IEEE NGNC, Nandha Engineering College, Erode, Dec 2025
11. Explainable Graph Neural Networks for Alzheimer's Disease Diagnosis Using Multi-Modal MRI Data — ICISS 2026
12. Interpretable Self-Reconstruction Network Learning Models for Early Detection of Chronic Diseases — PEACE 2026, Mar 27-28, 2026
13. Robust Lane Detection and Departure Warning in Adverse Weather using Hybrid Vision Methods — ICKECS, Apr 24-25, 2026
14. BrainGuard: A Machine Learning System for Brain Tumor Prediction — ICKECS, Apr 24-25, 2026
15. Deep Learning Model for Deforestation Detection using Satellite Images — ICTMSIM, Apr 8-10, 2026
16. Generative AI for Automated RTL-to-GDSII Design Space Exploration and PPA Optimization — ICTEI, Apr 21-23, 2026
17. Adaptive Context-Aware Deep Learning Framework for Intelligent Document Classification — IEEE TIC 2026, Spectrum International University College, Malaysia, Jun 5-6, 2026

National Conferences:

Total National Conferences Presented/Attended: 10

Conference Attended

Seminars Attended: 23

Workshops Attended: 19

Faculty Development Programmes (FDPs) Attended: 12

Awards

Certificate of Appreciation for 95%+ results from inception

Outstanding Contribution in ICT-based Teaching & Learning

Best Paper Award — National Conference, Sri Krishna College, Coimbatore

Academic Roles Handled

- FOSS SPOC (IIT Bombay / MHRD)
- Department Time Table Incharge
- Infosys Campus Connect Trainer
- IQAC Member — NAAC AQAR
- Member, Board of Studies (BoS)
- Faculty Exchange Programme Coordinator
- Student Counselling Cell Member
- CSI Student Chapter SPOC
- Guided 50+ Final Year Projects
- Professional Memberships: ISTE Life Member, IFERP Member, IAENG Life Member

Consultancy: Sales Application — Vedhaa Groups (₹10,000);

Website Development — Café Delyt's, Salem (₹2,000)

Faculty Development Activity/Workshops

Workshops Conducted/Attended: 19

Faculty Development Programmes (FDPs): 12

Seminars Attended: 23

Contact Details

Email: arunasrini2005@gmail.com

Phone: +91 94880-21443

Department of Master of Computer Applications, Dayananda Sagar Academy of Technology and Management, Bangalore