

SUMMARY

Results-driven Academician and AI Researcher with over 6.5 years of experience in higher education and curriculum delivery across Computer Science, Information Technology, and Artificial Intelligence streams. Currently serving as an Assistant Professor in the ADCE Department at Stanley College of Engineering and Technology, alongside pursuing a Ph.D. in CS & AI (2nd Year, 2nd Semester; Pre-Ph.D. completed with 9.0 CGPA) at SR University. Specializes in Machine Learning, Big Data Analytics, and Healthcare AI Systems, with a strong track record of active patent filings, IEEE/Scopus research publications, departmental placement coordination, and professional body memberships (ISTE, CSI, NDLI).

CORE COMPETENCIES & EXPERTISE

- **Research Focus:** Machine Learning, Big Data Analytics, Healthcare AI (Predictive Systems for Sudden Cardiac Arrest & Stroke Assessment)
- **Teaching & Specializations:** Artificial Intelligence, Machine Learning, Big Data Analytics, Software Engineering, Operating Systems, Computer Networks
- **Technical Toolkit:** Python, C, HTML, UML, Linux/Windows Systems, Networking.
- **Certifications & Skills:** Salesforce Certified Professional (Mountaineer Rank), Salesforce CRM, Data Management & Validation

ACADEMIC & PROFESSIONAL EXPERIENCE

Assistant Professor (ADCE Department) — *Stanley College of engineering for women*(october 2025 - July 15 2026).

Assistant Professor (IT Department) — *Deccan College of Engineering* (Oct 2023 – July 2024)

Assistant Professor & Department Placement Coordinator — *Lords Institute of Engineering and Technology* (Dec 2018 – Apr 2022)

- **Key Responsibility:** Coordinated student campus placements for CSE and IT departments during major recruitment drives.

PATENTS & KEY RESEARCH WORKS

- **Patent:** Advanced AI-Based Predictive System for Sudden Cardiac Arrest Prevention Using PCA and ARIMA Techniques (App. No: 202541027103 A)
- **Patent:** Adaptive Neural Framework for Low-Power Stroke Prediction and Cognitive State Assessment in Connected Health Systems (App. No: 202541087281 A)
- **IEEE / Scopus Conference:** Multimodal Deep Light Weight Temporal Architecture for Personalized Stroke Prediction Using Electroencephalogram Signals (Accepted)
- **Journal Publication (IJSDR):** Integrating Map Reduce and Machine Learning for Enhanced Fault-Tolerant Data Management in Big Data

EDUCATION

- **Ph.D. in Computer Science & AI:** SR University, Warangal (Pursuing - 2nd Year, 2nd Semester | Pre-Ph.D. Completed with 9.0 CGPA)
- **M.Tech in Software Engineering:** KITS (KU), Warangal (Aggregate: 83% / CGPA: 8.3)
- **B.Tech in Information Technology:** Jayamukhi Institute of Engineering & Technology (JNTU), Warangal

PROFESSIONAL MEMBERSHIPS

- **ISTE:** Member, Indian Society for Technical Education
- **CSI:** Member, Computer Society of India
- **NDLI:** Member, National Digital Library of India Club