Faculty Profile



Dr.R.KALADEVI

Professor – AI&DS

HIGHLIGHTS:

- Number of Journal Publications: 23
- H-Index: 8
- Project Funding Received: Nil
- Patents Published:06
- Patents Granted: Nil

PROFESSIONAL LINKS:

- Scopus ID: 57348056000
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=57348056000
- Google Scholar ID: https://scholar.google.com/citations?user=wTBYTDAAAAAJ&hl
- Anna University Faculty ID: 2647811977
- AICTE Faculty ID: 1-7480849115
- Anna University Supervisor ID: Nil
- LinkedIn: https://www.linkedin.com/in/kaladevi-ramar-11026591

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 17 years
- Research Experience: 6.5 years

AREA OF SPECIALIZATION:

- Blockchain Technology
- Cryptography
- Information Retrieval
- Data Management

PATENTS PUBLISHED:

- 202241042049 "A Block chain-Based Artificial IoT Data Acquisition in Edge Computing Environment" : 8th March 2016 Published
- 202341004554 "Automatic Pet Emotion Prediction Device Using Artificial Intelligence" : 31st March 2016 Published
- 202241076319 "Blockchain Secure Interface for IoT Device Security Gateway Architecture":18th Aug 2016 Published
- 202441092159 A , " System for Categorizing Medications with Different Trade Names and Identical Compositions": 6th Dec 2024 Published
- 202541116614 A "An Integrated AI Framework for Dermatological Image Analysis and Knowledge Retrieval Using RAG-Augmented Language Models": 23th Jan 2026 published
- 202641084273 A "Intelligent Wearable EEG Headband System for Early Cognitive Disorder Detection Using Case-Based Reasoning and Generative Artificial Intelligence": 7th Aug 2026 published

COURSES CERTIFIED:

- "Foundations of Data Science" course from **PADHAI** handled by IIT faculties
- "AI for Everyone" from **Coursera**
- "Neural Networks and Deep Learning" from **Coursera**
- "Complete Blockchain course for beginners " conducted by **Udemy**
- **NPTEL** course on "Introduction to Industry 4.0 and Industrial Internet of Things"
- **NPTEL** course on " Practical Machine Learning with Tensorflow"
- "Blockchain Basics" from **Coursera**
- "Smart Contracts" from **Coursera**
- **NPTEL** Course on "Fundamentals of Artificial Intelligence"
- "Build a decentralized todo application using Solidity" from **Udemy**
- **NPTEL** Course on "Blockchain and its Applications"

ACHIEVEMENTS AND AWARDS:

- Co-coordinator for AICTE-sponsored international conference "ICARSI'23"
- Best Poster Award from SSN Research Day Contest- May 2015.

SPECIAL SESSIONS DELIVERED:

- Handled sessions in FDP on Cryptography and Network Security, June 2018 Conducted in Veltech MultiTech Engineering College
- Handled sessions in FDP on Neural networks and deep learning , Dec 2023,conducted in Panimalar Engineering College
- Session chair for IEEE international conference- Apr 2018 held at Easwari Engineering College,
- Session chair for International Conference organized by Babu Banarasi Das Inst of Tech and Mgmt, Lucknow (2023)
- Session chair for International Conference ICRAECA'2025 organized by LJ School of computer applications, Gujarat.
- AICTE- ATAL FDP(Journal Discussion), DEC 2024, Saveetha Engineering College
- Expert Talk on "Research Frontiers in AI and Open Problems", held at M.O.P Vaishnav College for women chennai on 2 nd Sep, 2025
- Resource person for FDP "Applied AI and ML concept to Real world applications" held at Loyola Institute of technology, chennai on 19th Mar 2026
- Jury member for EDGE NOVA'26 Innovation contest organized by SRMIST kattankulathur on Aug 27-28th, 2026

RECENT CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- FDP on "Quantum Frontiers: Emerging Materials, Technologies and Future Horizons," held on 15–25 September 2026.
- FDP on "Next-Generation Computing: Blockchain and Post-Quantum Cryptography," jointly organized by ABV-IIITM Gwalior, Electronics and ICT Academy, and PDPM IIITDM Jabalpur, held on 20–29 July 2026.
- Webinar on "Computer Science and Engineering in the Legal Landscape," organized by SRMIST, Ramapuram, with The Tamil Nadu Dr. Ambedkar Law University, held on 25 April 2026.
- ISTE-approved FDP on "Reimagining Teaching Excellence: AI Competencies and Industry 5.0 Skills for Modern Educators," Finolex Academy of Management & Technology, held on 16–21 February 2026.
- International AI for Innovative Teaching Olympiad, organized by upEducators, 12 February 2026.
- Paper presentation at ICSETI 2026, JSS Academy of Technical Education, Noida, held on 5–6 February 2026.
- Paper presentation at ICCCES 2026, PPG Institute of Technology, Coimbatore, on "Redefining Crowdfunding with Blockchain: Ethereum-Based Smart Contract Implementation," held on 21–23 January 2026.
- Five-day workshop on "Generative AI and Multi-Agent Systems," sponsored by IBM and Conversight and organized by Thiagarajar College of Engineering, Madurai, held on 19–23 January 2026.
- Paper presentation at ICNGN 2025, Singapore, on "Intelligent Modeling of African Migration: Gendered Insights from 1990 to 2050 Using Computational Prediction" (Paper ID: GN405), held on 12–14 December 2025.
- AICTE-ATAL FDP on "Demystifying Data for Intelligent Applications in Real-World Scenarios," University of Engineering and Management, Kolkata, held on 24–29 November 2025.
- Two-week international online FDP on "Artificial Intelligence and IoT: Challenges and Future Opportunities," SRMIST, Tiruchirappalli, held on 17–29 November 2025.

- FDP on “QT-05: Quantum Computation,” organized by Electronics and ICT Academies, held on 11 July–2 August 2025.
- Paper presentation at GCON 2025, NERIST, Arunachal Pradesh, on “Impact of Girls’ Education and Health on Adolescent Fertility: A Regression Analysis Using ASER and NFHS Data,” held on 18–20 June 2025.
- Paper presentation at ICICACS 2024 on “Enhancing Hand Script Digitization Using Deep Learning,” held on 23–24 February 2024.
- Four paper presentations at CISCT 2022, held on 23–24 December 2022:

    - “Analysis of Crop Yield Prediction Using Machine Learning Algorithms” (Paper ID: 206).
    - “Crime Analysis Using Linear Regression” (Paper ID: 211).
    - “A Hybrid MFWT Technique for Denoising Audio Signals” (Paper ID: 207).
    - “Secure E-Voting System Using Deep Learning Techniques” (Paper ID: 208).

PROFESSIONAL MEMBERSHIPS:

- Life Member of “ISTE”- LM37027
- Member of IAENG- 288847
- Member of CSTA- 983457935CCCCC

OTHER DETAILS (If any): NIL