Faculty Profile



Ms.Potnuri Anitha, B.Tech., M.Tech., (Ph.D)
Assistant Professor (OG), AI&DS

HIGHLIGHTS:

- Number of Journal Publications:7
- H-Index: 2
- Project Funding Received: nil
- Patents Published: 4
- Patents Granted: nil

PROFESSIONAL LINKS:

- Scopus ID: 57214594269
  Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=57214594269
- Google Scholar ID: Anitha Potnuri
- Anna University Faculty ID: 2635121999
- AICTE Faculty ID: 1-44788501694
- Anna University Supervisor ID: NA
- LinkedIn: Anitha Potnuri

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 3 Years
- Industrial Experience: 2.6 Years

INTERNATIONAL EXPOSURE:

AREA OF SPECIALIZATION:

Programming Languages
- Java
- Python
- PySpark

Cloud Technologies
- Azure Data Factory
- Azure Databricks

Databases
- MySQL
- SQL Server

Frameworks

- Spring
- Spring Boot

Tools

- Eclipse
- STS
-

Ph.Ds AWARDED WITH DETAILS: NIL

Ph.Ds GUIDING:

- **Full Time Scholars: nil**
- **Part Time Scholars : nil**

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

NIL

PATENTS PUBLISHED/GRANTED:

- **202441097006**-IoT Based Environmental Hazard Detection System With Ai.
- **202441097039**-Autonomous Fleet Management Using IoT And Machine Learning
- **202541075939**-Hybrid Ai And Blockchain-Enhanced Secure Data Transmission Framework For Cloud-Hosted Iot Platforms
- **202541075940**-Machine Learning-Driven Adaptive Resource Allocation For Cloud-Integrated Iot Networks

COURSES CERTIFIED:

- **GenAI: White Belt** – NTT Learning and Certification Institute (NCI), 09 May 2024.
- **GenAI: Yellow Belt Level 1** – NTT Learning and Certification Institute (NCI), 12 December 2024.
- **Azure Fundamentals (MS Azure – AZ900)** – NTT Learning and Certification Institute (NCI), 22 July 2024.

ACHIEVEMENTS AND AWARDS: NIL

SPECIAL SESSIONS DELIVERED: NIL

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

1. **ICDSA 2026 – International Conference:** Presented the research paper "AI-ERDS: A Real Time Behavioural Framework for Early Ransomware Detection Using Random Forest Classification on System Level Monitoring Features" at the 7th International Conference on Data Science and Applications, organized by VIT Mauritius, on **11–12 July 2026**.
2. **ICICC 2026 – International Conference:** Participated as presenter/co-author of **eight research papers** at the 9th International Conference on Innovative Computing and

Communication (ICICC-2026), organized by Shaheed Sukhdev College of Business Studies, University of Delhi, on **6–7 February 2026**.

3. **Cyber Law, Privacy Policies & Legal Considerations – Webinar:** Attended the webinar organized by CAWACH Kendra, Government of Gujarat, on **31 December 2025**.

4. **Neural Networks Workshop:** Participated in the 10-day workshop "From Scratch to Deployment: Hands-On Model Building with Keras and TensorFlow," organized by Sri Venkateswara College of Engineering, from **14–25 October 2024**.

5. **Web Development Using Django – FDP:** Successfully completed the Faculty Development Programme organized by Andhra Pradesh State Skill Development Corporation (APSSDC), from **31 August to 12 September 2020**.

6. **Strategies for Searching IEEE Xplore – Webinar:** Participated in the webinar organized by Manipal University Jaipur, on **22 June 2020**.

7. **Cloud Computing: Industry Applications – Webinar:** Attended the webinar organized by B. V. Raju Institute of Technology, on **13 June 2020**.

8. **Cyber Security – National Level FDP:** Participated in the three-day Faculty Development Programme organized by Sai Tirumala NVR Engineering College, from **29–31 May 2020**.

9. **Mastering the Art of Handling Post-COVID Challenges for Sustainable Development – National Level FDP:** Attended the one-week Faculty Development Programme organized by Dr. M.G.R. Educational and Research Institute, from **19–23 May 2020**.

10. **Deep Dive in Digital Disruptive Technologies (IoT/AI/ML/DL) – Webinar:** Participated in the webinar organized by Akshaya College of Engineering and Technology, on **21 May 2020**.

11. **Startup Lifecycle and Patent Registration – Webinar:** Attended the two-day webinar organized by Atharva College of Engineering, Mumbai, from **18–19 May 2020**.

12. **Modern Methods for Teaching–Learning Practices – National Level Workshop:** Participated in the two-day workshop organized by Krishna University in association with Andhra Pradesh State Council of Higher Education (APSCHE), from **12–13 May 2020**.

13. **India's First Leadership Talk Series – Seminar:** Attended the leadership talk featuring Mr. Mahesh Babu, CEO, Mahindra Electric Mobility Ltd., organized by MHRD's Innovation Cell. **Date not specified in the certificate.**

PROFESSIONAL MEMBERSHIPS:

- Membership of the International Association of Engineers (510548)
- CSTA