**About Profile**

HOTO

**NAME: B. PANDU RANGA RAJU**

**DATE OF BIRTH: 14-01-1980**

**DESIGNATION: ASSISTANT PROFESSOR**

**DEPARTMENT: ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

**EMAIL ID: balaraju.pandu@gmail.com**

**DATE OF JOINING: 18-06-2007**

**EMPLOYEE ID: AITS121005**

Academic Profile

| Qualification | Name of the Board/University | YEAR |
| --- | --- | --- |
| M.Tech (IT) | Sathayabama University-Chennai | 2007 |
| M.Sc (CS) | Osmania University-Hyderabad | 2004 |
| B.Sc (CS) | S.V.University-Tirupathi | 2000 |

Research Details

1. **Areas of Specialization: Cognitive Science, Artificial Intelligence & Machine Learning**
2. **List of Publications: 16**
3. **Awards Received: NIL**
4. **Research Guidance:**
5. **No. of PhD Guided: NIL**
6. **No. of M.Tech Guided: NIL**
7. **No. of B.Tech Guided: 25**
8. **Details of Professional Membership: NIL**
9. **Subjects Taught:**

**Aptitude and Reasoning Skills, IT Workshop, C Programming, Advanced Data Structures through C++, Database Management Systems, Computer System Architecture, Formal languages & Automata Theory, Automata Compiler Design, Operating Systems and Linux Administration, Computer Graphics, Geometric Modeling, Computer Networks, Mobile Communications, Cryptography and Network Security, Network Management Systems, E-Commerce, E-Business, Management Information Systems, Software Engineering, Software Project Management, Data warehousing and Data mining, Web Technologies, Distributed Systems, Semantic Web and Social Networks, Cyber Security & Forensics Science, Artificial Intelligence, Data Science & Machine Learning**

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| Face Recognition Using MTCNN and FACENET and Classification Using SVM Classifier | Springer-LNNS | 2025 |
| Detection of Deep Vein Thrombosis Using Machine Learning for CT Images | Springer-LNNS | 2025 |
| Optimizing Natural Language Understanding: A Comprehensive Study of Python’s Top Libraries | IEEE-Xplore | 2025 |
| Integrated Methodology for Early Glaucoma Diagnosis Using Retinal Fundus Images | IEEE-Xplore | 2024 |
| Integrated Deep Learning Methodology for Early Glaucoma Detection and Diagnosis using Retinal Fundus Images | IEEE-Xplore | 2024 |
| An Improved Intrusion Detection System Utilizing Generative Adversarial Networks | Educational Administration: Theory and Practice | 2024 |
| Design and Evaluation of a deep Learning Algorithm for Emotion Recognition Using CNN | International Journal of Advanced Trends in Engineering and Science | 2022 |
| Character Segmentation of Handwritten Text of support Vector Machine (SVM) using Machine Learning | International Journal of Advanced Trends in Engineering and Science | 2022 |
| Detection of Multi-Class Website URLs Using Machine Learning Algorithms | International Journal of Advanced Trends in Computer Science and Engineering (SCOPUS) | 2020 |
| An Extensive Study on the Applications of RFID Technology In IOT | International Journal of Advanced Science and Technology (SCOPUS) | 2020 |
| Social Media Interaction for Detecting Fake Reviews | Journal of Emerging Technologies and Innovative Research | 2020 |
| A Novel Approach to Detect Hateful Messages in Social Networks | Journal of Emerging Technologies and Innovative Research | 2018 |
| Detection of Stress Related Posts in Twitter data Streams | Journal of Emerging Technologies and Innovative Research | 2018 |
| A Statistical Data Analytical Model for Metacognitive Reasoning Emotions in Intelligent Systems | International Journal of Advanced Research in Science and Engineering | 2018 |
| Facial Expressions and Emotions in Cognitive Science | International Journal of Advanced Research in Science and Engineering | 2018 |
| Privacy and Security Issues of Cloud Computing | International Journal of Advanced Research in Technology | 2011 |

## Patent Details: NIL