



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P-516126, INDIA

Faculty Profile

Basic Information:

NAME : B. PANDU RANGA RAJU
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : ARTIFICIAL INTELLIGENCE &
DATA SCIENCE
DATEOFBIRTH : 14-01-1980
DATEOFJOINING : 18-06-2007
EMAILID : balaraju.pandu@gmail.com
EMPLOYEEID : AITS121005



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D (CSE) Pursing	Gandhi Institute of Engineering & Technology (GIET) University - Gunpur, Odisha	
M.Tech (IT)	Sathayabama University-Chennai	2007
M.Sc (CS)	Osmania University-Hyderabad	2004

Research Details:

1.Areas of Specialization	:	Cognitive Science, Artificial Intelligence & Machine Learning
2.No.of Publications	:	17
3.Awards Received	:	NIL
4.Research Guidance	:	
	No.of PhD. Guided	: NIL
	No.of MTech. Guided	: NIL
	No.of B.Tech. Guided	: 30
5.DetailsofProfessionalMembership	:	NIL
6.SubjectsTaught	:	• Aptitude and Reasoning Skills • IT Workshop • C Programming • Advanced Data Structures through C++ • Database Management Systems



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	• 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 System • 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
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Publication Details:

Title	Publisher	Published Year
Advanced Recruitment Strategies in Business Intelligence Systems: A Comparative Study of Machine Learning Models	IEEE-Xplore	2025
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