



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 : Dr P Phanindra Kumar Reddy
DESIGNATION : Associate Professor & HoD
DEPARTMENT : AI&DS
DATE OF JOINING : 11-06-2008
EMAIL ID : phanindra.44u@gmail.com
EMPLOYEE ID : AITS051006



Academic Profile:

Qualification	Name of the Board/University	YEAR
P.hD	SSSUTMS	2020
M.Tech	JNTUH	2008
B.Tech	JNTUH	2006

Research Details:

1. Areas of Specialization	:	CSE
2. No. of Publications	:	26
3. Awards Received	:	-
4. Research Guidance		
	No. of PhD Guided:	
	No. of MTech. Guided:	12
	No. of B.Tech. Guided:	34 Batches
5. Details of Professional Membership:		IAENG
6. Subjects Taught	:	Data Structures through Python, Programming in C and Data Structures, Information Security, Advanced Computer Architecture, Web Technologies, Mobile Computing, Computer Graphics, Computer Networks, Artificial Intelligence, Object oriented Programming through Java, Computer Organization, Foundations of Data Science, - Teaching at UG and PG Level.



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Publication Details:

Title	Publisher	Published Year
A Survey on Exploring Advances and Challenges in Social Spam Detection Through Machine Learning Approaches	Springer Nature	2025
AI-Enhanced Analysis of Unsteady Convection in Copper-Water Nanofluid Flow over a Vertically Moving Porous Plate	IEEE Xplore	2024
Machine Learning Analysis of Free Convection Flow through a Porous Medium in a Third-Grade Vertical Channel: A Comprehensive Exploration	IEEE Xplore	2024
Exploring Diabetic Retinopathy Diagnosis: Insights from a Comprehensive Literature Review and Initial Fundus Image Analysis	IEEE Xplore	2024
Revolutionizing E-Commerce Customer Support: Advanced AI-Powered Chatbots for Enhanced User Experience & Operational Efficiency	IEEE Xplore	2025
Integrated Methodology for Early Glaucoma Diagnosis Using Retinal Fundus Images	IEEE Xplore	2024
Controlling Dropping Attacks Through Truthful Detection as Packets in Wireless Adhoc Networks	International Journal of Computer Sciences,	2016
Cyber Attack Detection using Deep Learning Methods	IJARSET	2019
Identifying and Constructing an Indoor Location-Based Service Platform	Advanced Research in Dynamical & Control Systems,	2019
Identifying the Node Presence Mobile Wireless Networks to Provide Location Based Services	International Journal of Engineering & Technology	2018
A Survey on Exploring Advances and Challenges in Social Spam Detection Through Machine Learning Approaches	Springer Nature	2025
AI-Enhanced Analysis of Unsteady Convection in Copper-Water Nanofluid Flow over a Vertically Moving Porous Plate	IEEE Xplore	2024
Machine Learning Analysis of Free Convection Flow through a Porous Medium in a Third-Grade Vertical Channel: A Comprehensive Exploration	IEEE Xplore	2024



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Exploring Diabetic Retinopathy Diagnosis: Insights from a Comprehensive Literature Review and Initial Fundus Image Analysis	IEEE Xplore	2024
Revolutionizing E-Commerce Customer Support: Advanced AI-Powered Chatbots for Enhanced User Experience & Operational Efficiency	IEEE Xplore	2025
Integrated Methodology for Early Glaucoma Diagnosis Using Retinal Fundus Images	IEEE Xplore	2024
Canny Edge Detection Algorithm for Consistency Based Smart Traffic Signal in a Smart City	Drugs and Cell Therapies in Hematology	2022
Identification and Classification of Pneumonia in Chest X-Ray Images Using Deep Learning Techniques	Drugs and Cell Therapies in Hematology	2022
Comparison of Performance of a position based routing protocol for VANET	Journal of innovative research in Science and Engineering	2021
An Ensemble based approach for Node Failure Detection in Mobile Wireless Networks	Journal of Information and Computational Science	2020
Indoor Navigation System based on vision for smartphones	Journal of Engineering Sciences	2020
On the efficiency of vehicular connectivity privacy metrics	Journal of Engineering Sciences	2020
Identifying and constructing an indoor Location Based Service	Advanced Research in Dynamical and Control Systems, Volume 11 05-Special Issue titled	2019



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“Identifying the node presence mobile wireless network to provide location based services”	International Journal of Engineering & Technology	2018
Detecting failure nodes in mobile wireless networks: A Probabilistic Approach with ISSN NO. 2319-8346, 2018.	International Journal of advanced research in science & engineering	2018.
Light weight 3-factor authentication & Key agreement protocol for internet integrated WSN with ISSN NO. 2395-1303	International Journal of Engineering & Techniques	2018.

Patent Details:

Title of Patent	Submitted/Published/Awarded
A BUS TICKET GENERATING MACHINE	Published
THE ROLE OF MACHINE LEARNING AND BIOTECHNOLOGY IN AUTONOMOUS HARVESTING AND DATA DRIVEN MANAGEMENT FOR ADVANCEMENTS IN AGRICULTURE	Published



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