



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.T.Harikrishna

DESIGNATION: Associate Professor

DEPARTMENT : CSE

DATE OF BIRTH: 02-06-1977

DATE OF JOINING : 14-06-2004

EMAIL ID : thk.itd@gmail.com

EMPLOYEE ID : 108



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D	Rayalaseema University	2019
M.Tech	Sathyabama University	2007
B.Tech	AITS, Rajmapet, JNTU Hyderabad	2003

Research Details:

1. Areas of Specialization	Computer networks, Cloud computing, Artificial Intelligence and Machine Learning	
2. No. of Publications	20	
3. Awards Received	02	
4. Research Guidance		
	No. of PhD Guided:	07 (Guiding)
	No. of MTech. Guided:	-
	No. of B.Tech. Guided:	35
5. Details of Professional Membership:	IEEE--:102190736 CSI	



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6. Subjects Taught	:	AI for Cloud Computing Software engineering Cloud Computing Quantum computing Mobile and internet computing Augmented reality Virtual reality Java programming Web programming Software testing Methodologies Software project management Scripting languages Design patterns Distributed systems Machine learning Human computer Interaction Computer System Architecture Real-time systems
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Publication Details:

Title	Publisher	Publication Year
Deep Learning-Based Detection of Specific Vitamin Deficiencies with Integrated Preventive and Nutritional Guidance	IEEE	2020
KDiME-FedX: An Explainable Multimodal Federated Framework for Personalized Kidney Disease Prognosis and Adaptive Care Planning	IEEE	2020
AI Smart Prescription Guide For Safer and Clearer Healthcare	IEEE	2020
Brain Tumor Detection and Classification in Medical Imaging: Comprehensive Survey and Primary Ensemble Model	IEEE	2020
Quantum-Enhanced Federated Learning with Explainable Multimodal Intelligence for Heart Disease Risk Stratification, Progression Analysis, and Personalized Care	IEEE	2020
Classification Techniques in Deep Learning for Automated Diabetic Retinopathy Diagnosis	IEEE	2020
Optimizing Cloud Performance and Energy Efficiency using Proximal Policy Optimization in Reinforcement Learning Techniques	IEEE	2020
Innovative Deep Learning Framework for Accurate Fault Diagnosis in Industrial Systems	Springer Lecture Notes in Electrical Engineering(LNEE,volume 1466)	2020
Optimizing Crop Yield Forecasts Through Machine Learning Integration of Meteorological and Pesticide Data	Springer Lecture Notes in Electrical Engineering(LNEE,volume 1447)	2020
GeoAgriGuard: AI-Driven Pest and Disease Management with Remote Sensing for Global Food Security	Springer Journal of Remote Sensing in Earth Systems Sciences	2020
Advanced Hybrid Methodology for Robust Heart Disease Prediction and Feature Optimization	IEEE	2020
Hybrid Machine Learning for Cardiovascular Risk Assessment in Obstructive Sleep Apnea Patients	IEEE	2020
Soft Computing based Implementation of Autonomous Drone Vehicle using Fuzzy Logic based Control Systems	IEEE	2020
Dynamic Queue Management for Optimized Qos in Manets	International Journal Of Scientific & Technology Research	2019
An enhanced ad hoc on-demand distance vector routing protocol for manet's	Journal of Emerging Technologies and Innovative Research (JETIR)	2019



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Evaluation of Selected Tree and Mesh based Routing Protocols	Springer Lecture Notes in Electrical Engineering (LNEE, volume 500	2018
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Patent Details:

Title of Patent	Submitted/Published/Awarded
Federated deep reinforcement learning driven adaptive DDOS defense for smart grid communication networks. Patent number: 202641017586	Published
Intelligent code optimization using machine learning in software development Patent number: 202441008128 A	Published
An Artificial Intelligence Enabled Cryptography based financial Analytical tool Patent number: 202111036657	Published
Early Covid Prediction Neuro Fuzzy Multi-Layered Data Classifier” Patent number: 20201002448	Published
System and computer implemented methods for analysing features of digital medical images” Patent number :201941049665	Published



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