Faculty Profile

Basic Information:



NAME : Dr. N. MALLIKHARJUNA RAO

DESIGNATION : REGISTRAR

DEPARTMENT : MCA

DATE OF BIRTH : 12-12-1974

DATE OF JOINING : 13-10-1999

EMAIL ID : drmallik2009@gmail.com

EMPLOYEE ID : 350

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D	Acharya Nagarjuna University	2015
M.Phil	Madurai Kamaraj University	2008
M.Tech	Allahabad Agricultural Institute- Deemed University	2006
M.C.A	Nagarjuna University	1998
B.Sc	Andhra University	1995

Research Details:

1. Areas of Specialization :		Computer Networks
2. No. of Publications :		
3. Awards Received :		02
4. Research Guidance		
	No. of Ph.D Guided:	06
	No. of MCA Guided:	
5. Details of Professional Membership:		01
6. Subjects Taught :		**For Undergraduate (B.Tech)** 1. Business Data Processing 2. Management Information Systems 3. Computer Graphics 4. Database Management Systems

	5. Computer Organization 6. Visual Programming Techniques 7. Simulation and Modeling **For Post Graduate (MCA & MBA)** 1.C & Data Structures 2. Computer Organization with ALP Lab 3. Operating Systems 4. Computer Communications 5. Database Management Systems 6. Computer Graphics 7. Software Engineering 8.Multimedia Application Development 9.Middleware Technologies 10. Multimedia Information Systems 11. E-Commerce 12. Software Testing Methodologies 13. Management Information System(MBA) 14.Enterprise Resource Planning(MBA)

Publication Details:

Title	Publisher	Published Year
Intent-Driven Diffusion - based path for Mobile Data Collector in Iot-Enabled Dense WSNs	John Wiley & Sons, Inc.	26-Apr
Development of a Mini Electric Hoist with Smartphone-Integrated Pendant Control	IEEE	14-09-2026
A Contemporary Survey on ML-Based Data Gathering with Mobile Sink in WSNs	IEEE	03-02-2026
Delivery of Medicine Using a UAV Powered by the KK Copter 2.1.15 Flight Controller	IEEE	19-Sep-25
Deep Learning Methods for Real -Time Detection of Deepfake Faces in Images and Videos	IEEE	19-Sep-25
Iot intrusion detection system for vehicle and emission monitoring: Enhancing cybersecurity in connected transportation	IEEE	11-Feb-25
Colossal pattern extraction using optimised length constraints based on differential evolutionary arithmetic optimisation algorithm	IEEE	04-11-2024
GS-FFO Based Meta-Heuristic Clustering for Discovering Colossal Patterns in High-Dimensional Data	Springer Nature	31-10-2024

Dimension of higher educational institutions enhanced competitive reputation by integrating academic analytics	Inderscience Publishers	29-Aug-24
Mining the colossal patterns using ISSA based KMC with VGHHO clustering model for high dimensional data	IEEE	17-02-2024
Machine Learning-Based Google App Store Cataloging Using a Naive Bayes Algorithm	Nova Science Publishers, Inc.	18-01-2024
HCP miner: an efficient heuristic-based clustering method for discovering colossal frequent patterns from high dimentional databases	Inderscience Publishers	17-Aug-23
Measurement of Analytical Performance of Sliding Window Algorithm of Mobile Switching Center in Global System for Mobile Communication Network	Springer Nature	11-Jul-23
Detection and classification of COVID-19 using supervised deep learning on MRI images	IEEE	12-06-2023
Mining the High Dimensional Biological Dataset Using Optimized Colossal Pattern with Dimensionality Reduction	Universal wiser	15-Mar-23
A Feasibility Study of a System for Generating Dynamically Electoral Rolls	Springer Nature Singapore	2023
Heart Disease Prediction and Detection Using Association Rule Mining Techniques	Medicon Publications	03-07-2022
Intuitionistic fuzzy rough sets and fruit fly algorithm for association rule mining	IEEE	26th jan 2022
A Dynamic Hybrid Decoder Apprroach Using EG-LDPC Codes for Signal Processing Applications	IEEE	01-01-2022
Outcome-based education: a paramount model for higher educational institutions in India	IEEE	20-10-2021
Heuristic-Based Clustering Approach for Discovering Colossal Patterns from High-Dimensional Databases	IEEE	03-05-2021
Throughput Comparison of Majority Logic Decoder/Detector with Other Decoders Used in Communication Systems	Springer	10-12-2020
Improving knowledge and competency of students in higher educational institutions by employing Lean Six Sigma model	IEEE	03.11.2020
Throughput Comparison of Majority Logic Decoder/Detector with Other Decoders Used in Communication Systems	Springer Nature Link	12-Oct-20

Integrated Big Data with Public Cloud: A Model for E-Commerce Retailer Market	Springer Nature Link	19-May-20
Integrated Big Data with Public Cloud: A Model for E-Commerce Retailer Market	IEEE	19-05-2020
Sliding Window Algorithm for Mobile Communication Networks	Springer Nature Link	27-03-2018
Integrating Sliding Window Algorithm with a Multiple Server Finite Queuing Model	Springer Nature Link	13-03-2018
Method for Determining Optimal Number of Channels	Springer Nature Link	13-03-2018
Performance Measurement of Sliding Window Algorithm	Springer Nature Link	13-03-2018
A Model for Determining Optimal Sliding Window Size	Springer Nature Link	13-03-2018
Integrating Sliding Window Algorithm with a Single Server Finite Queuing Model	Springer Nature Link	13-03-2018
Minimising network cost by employing sliding window method at mobile switching centres in GSM network	Inderscience Enterprises Ltd	05-Mar-18
Sliding Window Algorithm for Mobile Communication Networks	Springer Nature Link	2017
Measurement of Mobile Switching Centres Throughput in GSM Network Integrating Sliding Window Algorithm with a Multiple Channel Finite Queuing Model	Hindawi	Jan-16
An optimal sliding window size for maximising GSM network throughput	Inderscience Enterprises Ltd	17-Sep-14
Sliding window method based on enhanced throughput prediction for improving GSM network efficiency by reducing HLR-VLR transitions	Inderscience Publishers Ltd	01-Apr-14
Cloud Computing Through Mobile-Learning	arXiv	7 Apr 2012
An intelligent location management approaches in GSM mobile network	arXiv	2012/4
An Approach for Intelligent database maintenance of HLR and VLR databases	IACSIT Press	2012

Intelligent Storage Devices for Mobile Databases	IACSIT Press	2012
An Intelligent Location Management approaches in GSM Mobile Network	arXiv	7 Apr 2012
An Intelligent Software Workflow Process Design for Location Management on Mobile Devices	arXiv	07-Apr-12
Mobile database modeling using Fuzzy databases	IEEE	02-May-11
An intelligent data structure approaches for mobile devices	IEEE	07 April 2011
Reducing Throughput-delay Analysis of Conflict–free Scheduling in Multihop Adhoc Networks	International Journal of Communication Network & S	2011
Multiple Network Operator Services Utilization Using Single SIM	IACSIT Press	2011
Avoidance of Short Range Radio Devices to Control Radiation by Cell Towers	CiiT	2010
Intelligent Identity Verification Processing System of Mobile Subscribers	Serials Publications	2010
Cloud computing approaches for educational institutions‖	IJCIIS	2010
Analysis and Enhancement of BWR Mechanism in MAC 802.16 for WIMAX Networks	–	2010
Cloud Computing Through Mobile-Learning	SAI Publications	2010

Membership:

1. Indian Society for Technology in Education- ISTE- LM-66301

Awards and Recognition:

- Received the **Dean of Academics Award** on 26 January 2024 in recognition of outstanding academic contributions.
- Received the **National Level APJ Abdul Kalam Teaching Excellence Award – 2023** in recognition of dedication and commitment to the teaching profession.

Participation in FDPs/STTPs/STC:

1. Participated in Faculty Development Program on **Indian Knowledge Systems** from 19th-25th June 2023 Organized by KIIT College of Education,Sohna Road,Gurugram in collaboration with Council for Teachers' Professional Development(CTPD).

Participation in Webinar:

1. Attended a Webinar on **Demystifying Intellectual Property for Academic Research & Innovation** on 09-07-2023 organized by Sri Venkateswara College of Engineering in collaboration with (NRDC) National Research Development Corporation.