Faculty Profile

Name: Dr.J.VamsiNath

Designation: Senior Assistant Professor

Teaching Areas: Object Oriented Programming through C++ & Java, Web Technologies, Data Mining, Cloud Computing, Software Testing Methodologies, Machine Learning, Database Management Systems, Python Programming.

Research Interests: Data Mining, Machine Learning

Education:
- Ph.D. in Computer Science and Engineering, JNTUK, Kakinada, 2024.
- M.Tech-CSE School of Information Technology, JNTU Hyderabad, 2009.
- B.Tech-CSE, PBR Visvodaya Institute of Technology & Science, Kavali, 2005.

Research / Selected Publications:
- Javangula, V., Koneru, S. & Dasari, H. High utility itemset mining using path encoding and constrained subset generation. Peer-to-Peer Netw. Appl. 14, 2410–2418, Springer August 2020.
- M. Arshad, C. Dastagiriah, D. R. Krishna, J. Vamsinath, K. P. Rani and S. Mishra, "Smart Surveillance System Using Machine Learning," (ASSIC), Bhubaneswar, India, 2024, pp. 1-6.
- Javangula, V., Koneru, S. & Dasari, H "High Utility Itemset Mining using Path Encoded Utility Lists and Pattern Trees" NeuroQuantology August 2022 Volume20 Issue10 Page 2484-2494.
- Javangula, V., Koneru, S. V., & Dasari, H. Mining of high utility item sets using genetic algorithm. Turkish Journal of Computer and Mathematics Education, 12(9), 2437-2448. (2021).
- P. Tumuluru, R. Girija, V. Javangula, J. Varshitha, M. Ashritha and P. Sujitha, "TSDRDL: Traffic Sign Detection and Recognition using Deep Learning Techniques," 2023 (InC4), Bangalore, India, 2023, pp. 1-4.

Patents Published:
- Published a Patent on The Block Chain Technology to protect data access using a smart contract Mechanism.