Faculty Profile



Mr. Kolli Amos Daniel , M.Tech., (Ph.D)

Assistant Professor(OG)

HIGHLIGHTS:

- Number of Journal Publications: 08
- H-Index: 02
- Patents Published: 01

PROFESSIONAL LINKS:

- Scopus ID: 57224502857
- Scopus Link: Rao, Kolli Himantha - Author details - Scopus
- Google Scholar ID: □Kolli Amos Daniel - □Google Scholar
- Anna University Faculty ID: 2645911991
- AICTE Faculty ID: 1-3536301550
- LinkedIn: (7) Kolli Amos Daniel | LinkedIn

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 9.6 Yrs
- Industrial Experience: Nil

AREA OF SPECIALIZATION:

- Artificial Intelligence & Machine Learning
- GenAI application development
- NLP, Language model
- Green Computing & Quantum Intelligence

Research Article Publication

1. **The Effective Way of Using Machine Learning Classifier Technique to Predict the Heart Muscle Condition,** VR Vimal, RM Joany, Kolli Himantha Rao, P Muthu Krishnammal, Zakhara Abdel Hassan Rashid, and Hassn Safi, *IEEE*, 2024.
2. **The Accurate Prediction and Forecasting Strategy Implementation for Various Weather Conditions using Different Algorithms,** R Sivapriyan, CV Vidya Prabha, D Santhakumar, Kolli Himantha Rao, Safaa Hallol Mohammed, Tareq Hafdhi Abdtawfeeq, IEEE, 2024.
3. **Machine learning and Sensor-Cloud Based Precision Agriculture for Intelligent Water Management for Enhanced Crop Productivity,** Abhishek Sharma, Arvind Kumar Shukla, Kolli Himantha Rao, Manish Singh, Elangovan Muniyandy, S Sridhar, Journal of Electrical Systems, 2024.
4. **Optimizing Neural Network Inference in Edge Robotics by Harnessing FPGA Hardware Acceleration,** Kolli Himantha Rao, S Jagan, Vinoth Pandian, R Suganthi, R Senthil Rama, Journal of Electrical Systems, 2024.
5. **Machine learning and Sensor-Based Multi-Robot System with Voice Recognition for Assisting the Visually Impaired,** K Rane, K Himantha Rao, P Agrawal, Journal of Machine and Computing, 2023.
6. **Design and deployment of vehicle tracking system in vanets using xbee pro: prototype model,** Nagarjuna Karyemsetty, Badugu Samatha, K Himantha Rao, IEEE, 2015.
7. **Reliable Routing in Vehicular Adhoc Network Using Maximum Reliable Threshold Construction (MRTC),** K Himantha Rao, Nagarjuna Karyemsetty, 2015.
8. **Enhancing Road Safety with an IoT-Enabled Smart Alert System for Detecting Drowsy Drivers,** K. Sathish Kumar K. Narayanamoorthy*, Mala Malik, Vidya Sagar Reddy G, Kolli Himantha Rao, Laxman Shamrao Survase, Sophia S, N. Manikandan, European Chemical Bulletin,2023.

2. Patents

1. **AI-Driven Statistical Analysis Of Social Media Data For Enhanced Event Promotion And Audience Interaction,** Published on 03/05/2023, Co-Investigators: Dr. Saroj Kumar Nanda, Mr. Gd Vignesh, Dr. Peyush Dwivedi, Dr. Shradha Dwivedi, Dr. Surendar Vaddepalli, Dr. Pradeepkumar Ramalingam, Kolli Himantha Rao, Dr.P.Meenakshichini, Dr.R.Manikandan