Faculty Profile

Name: **Dr. TAMMINEEDI VENKATA SATYA VIVEK**

Designation: **Assistant Professor**

Teaching Areas: Data Structures, R-Programming, Cryptography & Network Security

Research Interests: Cryptography, Data Hiding in Images/Audio/Video, Medical Image Processing

Education:

- PDF, Artificial Intelligence Laboratory, Industrial University of Ho Chi Minh City, Vietnam.
- Ph.D – Computer Science & Engineering, Dr.M.G.R Educational and Research Institute (Deemed to be University), Chennai, India [2021].
- M. Tech – Computer Networks & Security, School of Computing, KL University, Vaddeswaram, Andhra Pradesh, India [2014].
- B.Tech – Computer Science & Engineering, Vishnu Institute of Technology, Affiliated to Jawaharlal Nehru Technological University - Kakinada, Bhimavaram, West Godavari District, Andhra Pradesh, India [2012].

Research / Selected Publications:

1. Suresh.M, Venkata Satya Vivek. Tammineedi, Venkat.Yalla, Mohan.C, 'Non-linear Intelligent Fuzzy Decision-making System for Blind Spot Estimation', *Journal of Intelligent & Fuzzy Systems*, Vol. 44, No. 1, PP. 139-148, 2023, DOI: 10.3233/JIFS-213426
2. Venkata Satya Vivek, Tammineedi, Naureen, Ayesha, Ashraf, Mohd. Shaikhul, Manna, Sanhita, Mateen Buttar, Ahmed, Muneeshwari, P., Wazih Ahmad, Mohd, Biomedical 'Microscopic Imaging in Computational Intelligence Using Deep Learning Ensemble Convolution Learning-Based Feature Extraction and Classification', *Computational Intelligence and Neuroscience*, 2022, 3531308, 9 pages, 2022. https://onlinelibrary.wiley.com/doi/10.1155/2022/3531308
3. Venkata Satya Vivek Tammineedi, Raju C., Girish Kumar D., Venkateswarlu Yalla, 'Improvement of Segmentation Efficiency in Mammogram Images Using Dual-ROI Method', *International Journal of Healthcare Information Systems and Informatics*, Vol.17, No.1, PP.1-14, 2022, DOI: 10.4018/IJHISI.305236
4. T. Venkata Satya Vivek; C. Raju; D. Girish Kumar, 'Breast cancer image enhancement with the aid of optimum wavelet-based image enhancement using social spider optimisation', *International Journal of Biomedical Engineering and Technology*, 2022 Vol.38 No.1, pp.29 - 43, DOI: 10.1504/IJBET.2022.120861
5. C. Karthikeyan, Tammineedi Venkata Satya Vivek, S. Lakshmi Narayanan, S.Markkandan, D. Vijendra Babu, Shilpa Laddha, Deep learning-based video coding optimisation of H.265, *International Journal of Engineering Systems Modelling and Simulation*, Vol. 14, No. 1, 2023, PP. 51-57, DOI: 10.1504/IJESMS.2021.10043077