## Dr. D. Vydeki

## **Associate Professor Gr-2,**

School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vandalur Road, Rajan Nagar, Chennai – 600 127.

Area of Specialization: Ad hoc Networks, Blackhole Attack, IoT, Soft Computing

Mobile Number : 96000 05340 E-Mail ID : vydeki.d@vit.ac.in

## **PUBLICATIONS:**

- S Ramesh, **D Vydeki** Rice Disease Detection and Classification Using Deep Neural Network Algorithm Micro-Electronics and Telecommunication Engineering, 555-566, 2020.
- S Ramesh, **D Vydeki** Recognition and classification of paddy leaf diseases using Optimized Deep Neural network with Jaya algorithm Information processing in agriculture 7 (2), 249-260, 2020.
- S Ramesh, **D Vydeki** Application of machine learning in detection of blast disease in South Indian rice crops Journal of Phytology, 31-37, 2019.
- **D Vydeki**, S Ramesh Rice-Blast Disease Monitoring Using Mobile App International Journal of Engineering & Technology 7 (3.6), 400-402, 2018.
- **D Vydeki**, Ramesh S Crop Disease Identification Using Embedded lot Systems International Journal of Pure and Applied Mathematics 118 (20), 143-147, 2018.
- S Kalyani, **D Vydeki** Survey of Rank Attack Detection Algorithms in Internet of Things 2018 International Conference on Advances in Computing, Communications and Informatics, 2018.
- S Kalyani, **D Vydeki** Measurement and Analysis of QoS Parameters in RPL Network 2018 Tenth International Conference on Advanced Computing (ICoAC), 307-312, 2018
- S Ramesh, **D Vydeki** Rice blast disease detection and classification using machine learning algorithm 2018 2nd International Conference on Micro-Electronics and Telecommunication Engineering, 2018.
- **D Vydeki**, B R Subramanian Design And Analysis Of Cross Layer Approach In The Detection Of Blackhole Attacks Using Adaptive Neuro-Fuzzy Inference System ARPN Journal of Engineering and Applied Sciences 12 (13), 4032-4039, 2017.

- J. Prathibanandhi, **D Vydeki** Time Synchronization Using Intelligent Hybrid Mac Protocol For Wireless Sensor Networks ARPN Journal of Engineering and Applied Sciences 10 (8), 3517-3521, 2015.
- **D Vydeki**, K. Mohan Kumar QoS Based Sleep Scheduling Algorithm with Improved Fairness for Internet of Things International Journal of Applied Engineering Research 10 (20), 2015.
- **D Vydeki**, J. Prathibanandhi External Gradient Time Synchronization for Wireless Sensor Networks International Journal of Applied Engineering Research 10 (6), 2015.
- **D Vydeki**, Devika Sampath Performance Analysis of Primary user Emulation Attacks in Cognitive Radio Networks International Conference on Advances in Communication, Network and Computing, CNC, 687-700, 2014.