

Dr. RAVURI DANIEL, Ph.D, M.Tech, B.Tech, DCME

Associate Professor

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Biography

Dr. Ravuri Daniel has 18 years of working experience, 2.8 years in the industry and 15.4 years in teaching (3 years teaching and research experience in abroad). Awarded Ph.D. from Jawaharlal Nehru Technological University Kakinada (JNTU Kakinada), M.Tech from Andhra University, and B.Tech from Jawaharlal Nehru Technological University Hyderabad.

His area of research in the field of Computer Networks, Wireless Sensor Networks, Internet of Things, Data Analytics, and Embedded Systems. Presently, he is exploring innovative applications in IoT with data analytics. He is having hands-on experience on IoT hardware platforms (Arduino, Raspberry Pi) and software platforms (C, Python).

Patent

1. **LNUM- Human Immune Detection System: Human Immune Level Detection and Notification System** Using Mobile Phone, Australia patent No. **2020103586**, Australian patent, filed date 20/11/2020.

Selected Publications

- [1] **Ravuri Daniel** and Kuda Nageswara Rao, EEC-FM: Energy Efficient Clustering based on Firefly and Midpoint Algorithms in Wireless Sensor Network, *KSII Transactions on Internet and Information Systems*, Vol.12, Issue No.8, pp.3683-3703, August (2018). DOI:10.3837/tiis.2018.08.008. **SCIE and Scopus Indexed.**
- [2] **Ravuri Daniel** and Kuda Nageswara Rao, MCRO-ECP: Mutation Chemical Reaction Optimization based Energy Efficient Clustering Protocol for Wireless Sensor Networks, *KSII Transactions on Internet and Information Systems*, Vol.13, issue No.7, pp.3494-3510, July (2019). DOI:10.3837/tiis.2019.07.009. **SCIE and Scopus Indexed.**
- [3] **Ravuri Daniel**, Kuda Nageswara Rao, and Ben Swarup Medikonda, Distributed Clustering Approach based on Deterministic Fuzzy Logic in Wireless Sensor Networks, *International Journal of Pure and Applied Mathematics, IJPAM*, **Scopus Indexed.**
- [4] P.Prudhvi Kiran, **R.Daniel**, and K.Venkata Prasad, A Cost Effective Automatic Online Bus Information System using RFID and ZigBee, *International Journal of Computer Science and Information Technologies*, Vol. 5 (3), 4821-4825, 2014.