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#### **QUALIFICATION:**

**UG:** B.E., Electronics and Communication Engineering, Anna University Affiliated College (2009-2013).

**PG:** M.E., Communication System, Anna University Affiliated College (2014-2016)

**Ph.D.:** Pursuing research work in Wireless Communication, CEG, Anna University.

#### **RESEARCH INTEREST:**

Wireless communication, Internet of Things, Fog Computing.

#### **ACADEMIC EXPERIENCE:**

SRMIST, Ramapuram (from 2022 to till date)

#### **PUBLICATION IN JOURNAL:**

1. **Supraja, G** & Jeyalakshmi Veeranan 2023, Throughput maximization and reliable wireless communication in NOMA using chained fog structure and weighted energy efficiency power allocation approach, Computer Communications, vol. 208, pp. 147-157, ISSN 0140-3664, <https://doi.org/10.1016/j.comcom.2023.05.024>, **Impact Factor: 6.00**.
2. **G. Supraja**, J. Kruthika, G. Vijayakumari and V. Jeyalakshmi, "Secured Vital Parameter Monitoring and Seamless Instant Alert System for Health Care Services," 2023 International Conference on Networking and Communications (ICNWC), Chennai, India, 2023, pp. 1-5, doi: 10.1109/ICNWC57852.2023.10127277.
3. Durga Devi K, **Supraja G**, Vanathi A, and M. Vidhyalakshmi, "Digitization and Electronic Translation of Brahmi Stone Inscriptions", International Conference on Recent Advances in Industry 4.0 Technologies (ICRAIT 2022).
4. **G. Supraja** and V. Jeyalakshmi, "Recent Review of Reliability Maintenance in Cellular Communication," 2019 International Conference on Communication and Signal Processing (ICCSP), Chennai, India, 2019, pp. 0268-0272, doi: 10.1109/ICCSP.2019.8697964.

#### **PATENT:**

Application number: 202241047142

Publication date (U/S 11A): 26/08/2022

**Title: System And Design Of Wind-Induced Pressure Prediction On Tall Buildings For Smart City .**

#### **RESPONSIBILITIES:**

1. Internal Assessment Cell Coordinator.
2. Class Incharge.
3. Result Analysis.

#### **PREVIOUS RESPONSIBILITIES:**

Acted as Teaching Assistant for MOOCs Online course for the Digital Electronics and Microprocessor 12week course twice.