Mrs. D. Monica Satyavathi

Assistant Professor

Department

Electronics and Communication Engineering

monica.dadi @raghuenggcollege.in

Academic Background

Pursuing Ph.D. in GITAM

M.Tech (VLSI System design) – MVGR college of engineering

B.Tech (Electronics and Communication Engineering) –

Mrs. D.Monica Satyavathi has rich experience in the field of VLSI system design. He has taken subjects related to Wireless Communications and VLSI system design and has been proficient in teaching subjects like Wireless communications, sensors and networks, and VLSI design.

She has published 4 papers in various international journals.

Research Interests:

wireless communications and networks and Internet of Things.

Papers published:

- Presented a paper on "Performance Evaluation of UWB Waveforms in High-Resolution Radar" Microelectronics, Electromagnetic and Telecommunications. Lecture Notes in Electrical Engineering, volume 655.
 Springer, Singapore on 24th June 2020.
- Presented a paper on Design and Implementation of 4-Bit Comparator by

- using Win cell partition with efficient constraints in **IJAEMA** in May 2020.ISSN.NO: 0886-9367
- Presented a paper on Design and Implementation of UTMI with USB 2.0 SPECIFICATIONS in IJIRSET in 2017.
- Presented a paper on Implementation of BIST Technique in UART serial communication in

"**IOSR** Journal of VLSI and Signal Processing (IOSR-JVSP) in Dec 2014.

Patent:

Published patent on Software Defined Networking System for the Automation of Network Security.