



Nalla Shirisha

Assistant Professor

Education Qualifications:
Specialization:

Master of Engineering (ECE)
VLSI System Design



ADDRESS:

- C-Block-RoomNo: 305

JNTUHD:

6728-191121-134449

EMAIL:

nshirisha_ece@mgit.ac.in

DATE OF JOINING:

01-07-2026

EXPERIENCE-6.4 Years

- Teaching-6.4

SUMMARY:

- Honors/Awards-

EVENTS:

- Organized-1
- Attended-2

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGITHyderabad>

Responsibilities Held at Institution Level:

1. Admission and coordinating duties.
2. Campus monitoring duties.
3. Anti-Ragging duties.

Responsibilities Held at Department Level:

1. Students mentoring duties.

Honors/Awards Received:

1. NPTEL CSE(Systems) domain certificate.

Courses Handled at Under Graduate Level:

1. Electronic Devices and Circuits, Digital Electronics, Introduction to Embedded Systems, Data Communications and Networking, Computer Networks

Publications:

1. FSM Based VLSI Architecture for Decision Based Neighborhood Referred Asymmetrical Trimmed Variant Filter
2. VLSI architecture for asymmetrical trimmed filters for outlier elimination
3. Decision Tree Based Algorithm for Removal of Different Probability Salt and Pepper Noise in Images
4. IoT- Based ESP32-CAM Surveillance Robot for Wireless Real-Time Video Monitoring and Control

Procedia Computer Science 152

Events Attended

FDPs/STTPs:

1. NPTEL-Compiler design , Jan-April 2026
2. NPTEL-Computer Networks & Internet Protocol, July-Oct 2026
3. NPTEL-Introduction to DBS, Jan-April 2026
4. The Art and Science of Research Writing: Quality
5. Indexing and Academic Recognition, 27 Jan to 01 Feb 2025
6. Advances in Embedded Systems, RTOS, and AIoT for Next Generation Applications, 24-29 Nov 2025
7. NPTEL-Introduction to IoT, July-Oct 2025
8. FDP on Artificial Intelligence and Machine Learning, 15-19 Sep 2025
9. Advances in Artificial intelligence and Machine Learning, 24-29 Nov 2025

