

Chenna Suresh Kumar

Assistant Professor

Education Qualifications:
Specialization:

M.Tech.(Ph.D)
RF and Microwave



ADDRESS:

- C- Block -Room No: 404

JNTUH ID:

4534-150426-155753

EMAIL:

chsureshkumar_ece@mgit.ac.in

DATE OF JOINING:

01-07-2026

EXPERIENCE - 13 Years

- Teaching- 13
- Industrial

SUMMARY:

- Honors/Awards

- EVENTS:

- Organized -
- Attended - 4

LET'S MEET ON SOCIAL:

Membership of Professional bodies:

1. LMISTE
2. MIEEE MTT

Responsibilities Held at Institution Level:

Responsibilities Held at Department Level:

Honors/Awards Received:

1. Gate Qualified in 2005.

Courses Handled at Under Graduate Level:

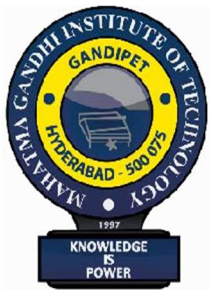
1. Analog and Digital Communication, Antennas and Wave Propagation, Electronic Devices and Circuits, Microwave Engineering, Radar Systems, Pulse and digital Communication, Networks Analysis, Control Systems, Switching Theory and Logic Design, Computer organization and Human Values and Professional Ethics.

Journal Publications

1. Ch.Suresh Kumar, Runa Kumari, Harish V. Dixit, "Compact Dual-Band Band-Pass Filter Using Single Multimode SIW Cavity With Independent Controllable Fractional Bandwidth," International Journal of RF and Microwave ComputerAided Engineering, Vol. 2025, No. 1, 9968988, April 2025, doi: 10.1155/mmce/9968988, Print ISSN: 10964290, 1099047X.
2. Ch.Suresh Kumar, Sohel Siraj, Naresh Bahadursha, Runa Kumari, Harish V. Dixit, Sayan Kanungo, Parikshit Sahatiya "MXene-Based Flexible Substrate Integrated Waveguide Acetone Gas Sensor," IEEE Transactions on Electron Devices, vol. 72, no. 10, pp. 5580-5585, October 2025, doi: 10.1109/TED.2025.3595098, Print ISSN: 0018-9383, Electronic ISSN: 1557-9646.

Conferences

1. Ch. Suresh Kumar, Runa Kumari, and Harish V Dixit, "Third Order Dual-Mode Dual Band Half Mode SIW Cavity," 2025 IEEE Microwaves, Antennas, and Propagation Conference (MAPCON), Kochi, India, 2025, pp. 1-4, doi: 10.1109/MAPCON65020.2025.11426606.
2. Ch. Suresh Kumar, Runa Kumari, and Harish V Dixit, "Second Order Dual-Band Band Pass SIW Filter," 2024 IEEE Microwaves, Antennas, and Propagation Conference (MAPCON), Hyderabad, India, 2024, DOI: 10.1109/MAPCON61407.2024.10922942.
3. Runa Kumari, MS Vaishnavi, CH Suresh, Wayne ST Rowe, Balamati Choudhury, "Metamaterial-loaded Circular Patch Antenna for UAV Applications ", 2025 First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT) DOI: 10.1109/CE2CT64011.2025.10939848.
4. Karthikeya Reddy Patana, Ch. Suresh Kumar, Runa Kumari, and RVNR Suneel Krishna, "Design and Synthesis of a 2.45 GHz Filtering Antenna Using Hairpin Resonators and Defected Ground Structure", Wireless, Antenna Microwave Symposium · WAMS 2026 · June 10-13, 2026



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LET'S MEET ON SOCIAL:

Events Attended

FDPs:

1. One-week Short term course on "Role of Antenna In Advanced Communication Systems," CMR Technical Campus, Hyderabad, 16th Dec – 21st Dec 2019.
2. One-week Short term course on "Role of Antenna In Advanced Communication Systems," CMR Technical Campus, Hyderabad, 16th Dec – 21st Dec 2019.
3. One-week FDP on "5G and GNSS Positioning," GCET, Hyderabad, 17th June – 22nd June 2018.
4. One-week FDP on "Fundamentals of Analog and Digital Communication," NIT Warangal, 13th – 23rd May 2017.

NPTEL Certificates Courses:

1. 12-week course on "Antennas," January – April 2019.
2. 12-week course on "Microwave Theory and Techniques," July – October 2021 (Elite).

