

Faculty Profile

Brief Profile (Few Paragraphs)

Personal Information

- **Name:** Nagendra N N
- **Designation:** Assistant Professor
- **Department:** Electronics and Telecommunication Engineering
- **Email:** nagendrann@rvce.edu.in
- **Phone:** 080 -68188434

Google Scholar / ResearchGate / LinkedIn: <https://www.linkedin.com/in/nagendra-n-n1986/>
ORCID: <https://orcid.org/0000-0002-9031-9052>

Domain of Expertise

Research Focus

- **Primary Area:** RF and Microwave Sensing Circuit and System, Antenna Design
- **Allied Areas:**
 - Non-Destructive Testing and Evaluation, 6G Antennas and RF Systems
 - Adulteration Testing, Biomedical Sensors

Academic Qualifications

- **Ph.D.:** Pursuing at IISC, Bengaluru in RF and Microwave Sensing Systems area.
- **M.Sc./M.Tech:** Digital Communication Engineering, VTU, 2010
- **B.E./B.Tech:** Electronics and Communication Engineering, VTU, 2007

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	Siddaganga Institute of Technology, Tumakuru	Assistant Professor	August 2009 – September 2013
2.	R V College of Engineering	Assistant Professor	September 2013-present

Publications & Patents

Journal Publications

1. Ravikumar Hullur, Nagendra N. N. "Design and Characterization of an UWB Antenna with Multiple Band Notch using EMPro" in "International Journal of Advanced Research in Computer and Communication Engineering", (IJARCCE PUBLICATIONS) vol no. 4 Issue 8, August-2015, pp 188-192.
2. Santosh P., Nagendra N. N., Naveen Kumar M. C. "A Review of OTT Traffic and Net Neutrality" International Journal of Informative and Futuristic research(IJIFR),V2/E9/054, Page no, 3258-3266, May 2015.
3. Chetan P. Mule, Nagendra N. N. "Implementation of Lossless compression of Medical images on FPGA" International Journal of Informative and Futuristic research(IJIFR),Volume , Issue 9 Page no, 392-300 , May 2014.

Conference Papers

1. N. N. Nagendra, K. J. Vinoy, " Highly Sensitive Reentrant Cavity for Sensing Adulteration in Liquids "2024 Asia-Pacific Microwave Conference (APMC), Bali, Indonesia (Accepted for publication and presented in conference)
2. N. N. Nagendra, Malika Somanath, K. J. Vinoy, " A Low-Cost Microwave Frequency Sensor for Evaluating Liquid Permittivity" ISSS National Conference on MEMS, Smart Materials, Structures and Systems, December 14-16, 2023, KCT, Coimbatore, India
3. Akshaya, Nagendra N.N. "Thin film Optical Filters : Bandpass Characteristics of VIBGYOR wavelengths", 2018 4th International Conference for Convergence in Technology (I2CT), Mangalore, India, Oct 27-28, 2018
4. Pradeep K. S.,Nagendra N.N., Manjunath R.K., " Design and Simulation of Slotted Waveguide Antenna Array for X- Band Radars " , 2018 4th International Conference for Convergence in Technology (I2CT), Mangalore, India, Oct 27-28, 2018
5. Akshaya, N. N. Nagendra, A. Srivastava and V. L. Christie, "Design of W-band sheet beam Extended Interaction Klystron for millimeter-wave applications," *2017 IEEE Applied Electromagnetics Conference (AEMC)*, Aurangabad, 2017, pp. 1-2.
6. Abhishek P., Goutam Hedge, Arpitha K. S., Nagendra N. N. "Performance Analysis of Received Signal Strength based Wi-Fi Indoor Positioning Algorithms", *Proceedings of IEEE International Conference On Recent Trends In Electronics Information Communication Technology*, pp 1320- 1325, May 19-20, 2017, India.
7. Ravikumar S., Nagendra N. N., Madhusudhana Kothari "Design and Simulation of 4W RF Power Amplifier for LTE Band 28 ", *Proceedings of 2017 International Conference on Intelligent Computing and Control (I2C2)*,Vol 3, pp 250-254, 23rd- 24th June 2017, Coimbatore, India.
8. Ravikumar Hullur, Nagendra N N " Design and Analysis of an eye geometry UWB Antenna using EMPRO" National Conference on "ICT Innovations for Sustainable Development" May 16th- May 17th 2015.
9. Roopa S, Raveesh S and Nagendra N N "Fully Pipelined Baseline JPEG Encoder For real time

Application using FPGA" Two day National Conference on Convergence of Signal Processing Communication and VLSI Design(NCSCV10), Dharwad, India Page no. 158-161, Aug 2010.

Books/Book Chapters

1. [Author(s)], *[Book Title]*, [Publisher], [Year].

Patents [Filed / Published / Granted]

1. [Patent Title], [Patent No.], [Year].

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

- **[Project Title]** – Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].
- **[Project Title]** – Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].

Ongoing & Completed Consultancy Projects

- **[Project Title]** – Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].
- **[Project Title]** – Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].

Professional Memberships

- IEEE

Awards & Recognitions

- [Award Name], [Organization], [Year]
- [Achievement], [Details], [Year]

Student Supervision

- **Ph.D. Candidates:** ---
- **M.Tech/M.Sc. Students:** 12
- **Undergraduate Research Mentees:** 9

Professional Roles

- **Editorial Board:** [Journal Name]
- **Chair/Committee Member:** [Conference Name, e.g., *IEEE International Conference on Robotics*]
- **Industry Advisor:** [Company/Startup Name]

Teaching

Core Courses: **Even Semester 2024-25**

- MET325DH- Electronic Navigation Systems

Advanced/Lab Courses:

- MDC234IA - Antenna Arrays and Applications Lab

Professional Roles

Responsibilities

- **Academic:** PG- BOE Coordinator, Interdisciplinary Project Coordinator
- **Administrative:** PG Exam Unit Coordinator

External Connect

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