

Faculty Profile



Dr. J. Jeyarani , M.E., Ph.D
Professor ECE

HIGHLIGHTS:

- Number of Journal Publications:21
- H-Index: 6
- Project Funding Received:2
- Patents Published:3
- Patents Granted: 0

PROFESSIONAL LINKS:

- Scopus ID: 58941952800
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=58941952800>
- Google Scholar ID: <https://scholar.google.com/citations?user=t29Br-QAAAAJ&hl=en>
- Anna University Faculty ID: **2621041978**
- AICTE Faculty ID:1-7368604606
- Anna University Supervisor ID: 3540008
- LinkedIn: [inkedin.com/in/jeyarani-jeyaseelan-baa1a582/](https://www.linkedin.com/in/jeyarani-jeyaseelan-baa1a582/)

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 23 years
- Industrial Experience: Nil

AREA OF SPECIALIZATION:

- Optical Wireless Communication
- Digital Image Processing
- Antennas and RF Systems
- Signal Processing

Ph.Ds GUIDING:

- **Part Time Scholars : 2**

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

1. AICTE Grant: Secured ₹50,000 under the AICTE GoC Scheme to organize an international conference in 2023.
2. AICTE Idea Lab Grant: Played a key role in securing ₹1.1 Crore for the implementation of an Idea Lab at CARE College of Engineering.

PATENTS PUBLISHED/GRANTED:

1. Hollowed Pentagon Model Patch Antenna (2023). Published by the Ministry of Commerce & Industry, Government of India.
2. IoT-Controlled Context-Based Targeting Digital Advertisement Methodologies in Wearable Gadgets (2023). Published by the Department of Industrial Policy and Promotion, Government of India.

ACHIEVEMENTS AND AWARDS:

1. Convened 4 international conferences and supported participants in publishing their work in peer-reviewed journals, organized 30 plus seminars and workshops at CARE CoE
2. Designed the curriculum structure and syllabus for the new Autonomous regulation.
3. Initiated the NAAC accreditation process and secured Grade 'A' for CARE institution.
4. Drove the UGC application that conferred "Autonomous" status for 10 years.
5. Achieved NBA accreditation for three departments (three years), including ECE.
6. **Received best department award consecutively for 6 years as HoD ECE at CARE College of Engineering**
7. **Prepared and submitted the Deemed-to-be-University proposal to the UGC.**

SPECIAL SESSIONS DELIVERED:

- Presented lectures to MTech Students of NIT Trichy on Optical Wireless Communication

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED: 25

PROFESSIONAL MEMBERSHIPS: BES, IETE, ISTE