

## **Faculty Profile**



**P. Bhanu Priya , M.E.,MS(UK),( Ph.D)**  
Assistant Professor,ECE

### **HIGHLIGHTS:**

- Number of Journal Publications:9
- H-Index:2
- Project Funding Received:-
- Patents Published:1
- Patents Granted:

### **PROFESSIONAL LINKS:**

- Scopus ID: 57226553467
- Scopus Link:  
<https://www.scopus.com/authid/detail.uri?authorId=57226553467>
- Google Scholar ID: BV1F1aIAAAAJ
- Anna University Faculty ID: 273165
- AICTE Faculty ID:1-7975219775
- Anna University Supervisor ID: -
- LinkedIn: [linkedin.com/in/bhanupriya-periaswamy-8b274532a](https://www.linkedin.com/in/bhanupriya-periaswamy-8b274532a)

### **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 7years
- Industrial Experience:

### **INTERNATIONAL EXPOSURE:**

### **AREA OF SPECIALIZATION:**

- Wireless communication

**Ph.DsAWARDED WITH DETAILS:**

| S:No | Name of Scholar | Title of Thesis | Year of Completion | Full Time/Part Time |
|------|-----------------|-----------------|--------------------|---------------------|
|      |                 |                 |                    |                     |

**Ph.Ds GUIDING:**

- **Full Time Scholars: -**
- **Part Time Scholars : -**

**SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:****PATENTS PUBLISHED/GRANTED:**

- Published: Scalable Deep Learning Solutions For Comprehensive Patient Health Monitoring

**COURSES CERTIFIED:**

- TOFEL (Test of English as a Foreign Language) :87/120

**ACHIEVEMENTS AND AWARDS:**

- Produced 93% Anna University result for the subject Electronic devices during April-May2014.
- Secured first rank at Agni college of Technology in ME-Communication Systems.

**SPECIAL SESSIONS DELIVERED:**

- Acted as a resource person for FDP on “Real Time Embedded System Applications using Arduino and Labview” on 29.10.2015 and 30.10.2015

**CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

- A modified hybrid blockchain framework for secured data transaction Journal: Journal of Physics: Conference Series, 1964(4), 042040.Year: 2021.
- Exploitation of artificial intelligence for predicting the change in air quality and rain fall accumulation during COVID-19 Journal: Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 47.Year: 2025.
- Intravenous saline monitoring system powered by IoT for patient safety Conference: International Conference on Recent Advances in Science and Engineering. Year: 2024.
- Knowledge discovery of edge computation for offload vehicular applications in IoT Journal: Wireless Personal Communications, 126(3), 2347–2359.Year: 2022.

- Sustainable Approach for Road Construction: Improving the Properties of DBM Layers Using Recycled PET Bottles Conference: 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS).Year: 2025.
- Enhanced Optical Design: Optimizing MTF Through Overlapping Aperture MLA Configuration Conference: International Conference on Intelligent Algorithms for Computational. Year: 2024.
- Correlation and contrast of multi-user edge computation with single-user edge computation for data offload on terrain electric vehicular applications Journal: Multimedia Tools and Applications, 82(17), 26563–26575.Year: 2023.
- Vigilant Sentinel: A Multi-Modal Sensor Fusion System for Real-Time Sitting Posture Recognition and Alerting Conference: International Conference on Emerging Research in Smart Electronics and Year: 2026.
- Enhancing High-Resolution Optical Systems: Optimization of Lens Performance Through Advanced Vignetting Techniques and Diffraction Effects Conference: International Conference on Wireless Communication and Internet of Year: 2024.

#### **PROFESSIONAL MEMBERSHIPS:**

- Life member (LM – 84017) in The Indian Society for Technical Education (ISTE)
- Life member (LM – 237308) in The Institution of Electronics and Telecommunication Engineers (IETE)

#### **OTHER DETAILS (If any):**