# Faculty Profile

**Mr. James Raja S, M.Tech,**
Assistant Professor, ECE

**HIGHLIGHTS:**

- Number of Journal Publications: 4
- H-Index: 3
- Project Funding Received: NIL
- Patents Published: NIL
- Patents Granted: NIL

**PROFESSIONAL LINKS:**

- Scopus ID: 57865896400
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=57865896400
- Google Scholar ID: https://scholar.google.com/citations?user=V_ogpncAAAAJ&hl=en
- Anna University Faculty ID: 310978
- AICTE Faculty ID: 1-44788501701
- Anna University Supervisor ID: NIL
- LinkedIn: NIL

**PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 6.5 years
- Industrial Experience: NIL

**INTERNATIONAL EXPOSURE:**

- NIL

**AREA OF SPECIALIZATION:**

- Electronic Devices & Circuits
- Plasma Physics
- Photonics
- Non-linear Fiber Optics

**Ph.Ds AWARDED WITH DETAILS: NIL**

| S:No | Name of Scholar | Title of Thesis | Year of Completion | Full Time/Part Time |
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**Ph.Ds GUIDING:**

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

**SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:**

- NIL

**PATENTS PUBLISHED/GRANTED:**

- NIL

**COURSES CERTIFIED:**

- NIL

**ACHIEVEMENTS AND AWARDS:**

- Won the **best paper award** for my research paper titled "**Experimental Characterization of Atmospheric-Pressure Plasma using Langmuir Probe Techniques**" at the second IEEE and ACM Collaborative International Conference on Emerging Trends in Information Technology and Engineering, ic-ETITE'24 on February 22-23, 2024, organized by the School of Computer Science Engineering and Information Systems, Vellore Institute of Technology, Vellore, India.
- Awarded **student's travel grant of 2300 USD** by the University of Michigan, United States to present my research work titled "**Sampling of Cold Atmospheric Pressure Plasmas into a Differential Pumping Arrangement for Langmuir Probe Diagnostics"** at the 76$^{th}$ Annual Gaseous Electronics Conference held Monday-Friday, Oct 9-13, 2023, at the **University of Michigan, Ann Arbor, Michigan, United States**.

**SPECIAL SESSIONS DELIVERED:**

- Awarded certificate of appreciation for holding a session on COMSOL device simulator in the Five Days Online Short Term Training Programme on Advanced Micro/Nano Sensor Technologies: Modelling, Simulation, and Fabrication (AMNST 2021).
- Delivered two days lecture on Opto-Electronic Devices conducted by Department of ECE, Mahendra Institute of Technology, 6th and 16th August 2018.

**CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

- Participated in the **Five Days Online Short Term Training Programme** on **Advanced Micro/Nano Sensor Technologies: Modelling, Simulation and Fabrication** (AMNST'2021) during 5-9 July 2021 organized by the Department of Electronics and Communication Engineering, National Institute of Technology Calicut, Calicut, India.
- Participated in the **Five Days Online Faculty Development Programme** on **Modelling, Simulation and Fabrication of Future Nano-electronic Devices and Sensors** (MSFNS'20) during 24-28 August 2020 organized by the Department of Electronics and Communication Engineering, National Institute of Technology Calicut, Calicut, India.
- Won the **best paper award** for my research paper titled "**Experimental Characterization of Atmospheric-Pressure Plasma using Langmuir Probe Techniques**" at the second IEEE and ACM Collaborative International Conference on Emerging Trends in Information Technology and Engineering, ic-ETITE'24 on February 22-23, 2024, organized by the School of Computer Science Engineering and Information Systems, Vellore Institute of Technology, Vellore, India.

**PROFESSIONAL MEMBERSHIPS:**

- Graduate Member of American Physical Society (APS)