

**J John Paul**

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**RESEARCH/TEACHING INTERESTS**

RF Energy Harvesting for IoT devices, Absorber/Rectenna design for Energy harvesting, Metamaterial based absorber design and analysis, Wireless sensor networks, Microprocessors, Microcontrollers, Linear Integrated Circuits, Digital Electronics, Computer Communication, Internet of Things, IoT for Communication Engineering, Basic Electronics, Basic Electrical and Electronics Engineering, Embedded systems, Computer Architecture, Signals and Systems, Transmission Lines and waveguides, IoT based data acquisition systems and protocols.

**EXPERIENCE**

Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2012 - present

Sr. Lecturer, Electronics and Communication Engineering, V V College of Engineering, India, 2011 - 2012

Assistant Lecturer, Electrical and Electronics Engineering, St. Joseph College of Engineering and Technology, Dar es salaam, Tanzania, 2009 - 2011

**EDUCATION**

Degree	Branch/ Specialization	University	Class	Mode	Year of Passing
Ph.D.,	Electronics and Communication	Karunya Institute of Technology and Sciences	---	Part Time	Ongoing
M.E.,	Power Electronics and Drives	Anna university	First Class	Full Time	2009
B.E.,	Electronics and Communication	Anna University	First Class	Full Time	2005

**SUMMARY OF INTERNATIONAL JOURNAL & CONFERENCE PUBLICATIONS - [PUBLISHED & ACCEPTED]**

Year	International Journal Publications	International Conference Publications	National Conference publications
2016 - 2021	7	9	2

**PATENTS**

1	Battery charging method and system, Application No. 201841013379, Publication Date: 09/04/2018
2	Hand Gesture Controlled Trash Can For Bedridden Patients, Application no. 202041036274, publication date: 04/09/2020

**RESEARCH GUIDANCE**

Research guidance as supervisor	Completed	Ongoing
Master of Engineering - Master's Thesis advising	1	1

**PROFESSIONAL MEMBERSHIPS**

1	Life member of Institute of Engineers (IE)
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**AWARDS/HONORS**

1. NSS State Award - First place in National Young Leaders Programme