



J JOHN PAUL

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RESEARCH/TEACHING INTERESTS

Remote Monitoring and control through IoT devices and networks, Energy Harvesting for IoT devices, Analysis and design of Metamaterial Absorbers, Flexible antenna design for medical applications, Microprocessors, Microcontrollers, Internet of Things, Embedded systems, Digital Electronics, Computer Architecture, Internet of Intelligent Things, Artificial Intelligence, Wireless sensor networks.

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	Month & Year of Passing
Ph.D.,	Electronics and Communication	Karunya Institute of Technology and Sciences	First Class	Part Time	August 2022
M.E.,	Power Electronics	Anna University	First Class	Full Time	May 2009
B.E.,	Electronics and Communication	Anna University	First Class	Full Time	September 2005

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

Year	International Journal Publications	International Conference Publications	National Conference publications
2009 - 2025	15	30	2

PATENTS

1	Battery charging method and system, Application No. 201841013379, Patent Granted on 27/03/2024
2	Hand Gesture Controlled Trash Can For Bedridden Patients, Application no. 202041036274, publication date: 04/09/2020
3	An Automated Self-Guided Robot With A Single Reference Wheel Mechanism, Application no. 202441016320, publication date: 22/03/2024
4	Internet of things enabled automated parapet safety system with adjustable barrier and protective net mechanism, Application no. 202441042847, publication date: 14/06/24

RESEARCH PROJECTS

#	Title of the project	Funding Agency	Amount(Rs.)	Year
1	IoT Based Remote monitoring and Alerting of Human-Animal Conflict Mitigation	Ministry of Education under UBA - IIT, Delhi	1 lakh	2024

RESEARCH GUIDANCE

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	-	2
Master of Engineering - Master's Thesis advising	2	-

PROFESSIONAL MEMBERSHIPS

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

- Achiever Award – 2025 from KITS, Coimbatore