

**Dr. H. VICTOR DU JOHN**

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RESEARCH/TEACHING INTERESTS

Solar cell Design, Energy harvesting Absorbers for solar cells, Microprocessors, Microcontrollers, Internet of Things, Embedded Systems, Solid state device modelling in nano devices, 3D printing, Innovation and Entrepreneurship Development, MEMS devices, Nano Electronics, Low power VLSI design, Fundamentals of Electrical and Electronics engineering.

EXPERIENCE

- Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2013 - present
- Lecturer, Department of Applied Sciences, SKCET, Coimbatore, India, 2010 - 2011

EDUCATION

Degree	Branch / Specialization	University	Class	Mode	Month&Year of Passing
Ph.D.,	Electronics and Communication	Karunya Institute of Technology and Sciences	-	part Time	June 2020
M.Tech.,	Applied Electronics	Karunya Institute of Technology and Sciences	Distinction	Full Time	April 2013
B.E.,	Electrical and Electronics Engineering Anna University	Electrical and Electronics Engineering Anna University	Distinction	Full Time	April 2010

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

Year	International Journal Publications	International Conference Publications	National Conference publications
2015 - 2025	27	10	-

PATENTS

1	A Broadband Optically Transparent Metamaterial Absorber Self-Energy harvesters, Application No. 202241015804 A, Publication Date: Mar 25 2022
2	Hybrid Power Source System For Elevators, Application no. 202241022817 A, publication date: Apr 18 2022
3	An Automated Selective Circuit Breaking System To Selectively Break Electric Current On Wet Sensing, Application no. 202341083776 A, publication date: Jan 5 2024

RESEARCH PROJECTS

#	Title of the project	Funding Agency	Amount(Rs.)	Year
1	"Design and Development of GaN HEMT for 18 to 40 GHz"	DRDO	27.75 lakh	2021-2025

RESEARCH GUIDANCE

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	0	4
Master of Engineering - Master's Thesis advising	3	-

PROFESSIONAL MEMBERSHIPS

1	Life member of IAENG
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