NARAIN PONRAJ.D
Assistant Professor(SG), Department of Electronics and Communication Engineering
Karunya Institute of Technology and Sciences
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RESEARCH/TEACHING INTERESTS

Medical Image Analysis, Medical Signal Processing, Digital Electronics, Modern Digital Communication Techniques, Electron Devices, Basic Electronics, Entrepreneurship and IPR, Professional Ethics, Opto-Electronic Devices, Basics of Satellite Communication, Electronics for Everyday Life, Microwave and Optical Communication, Electronics and Microprocessors, Optical Communication, Mobile Communication Networks, Optical Networks and Photonic Switching.

EXPERIENCE

- Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2010 – till date
- Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2007 – 2010

EDUCATION

Degree	Branch / Specialization	University	Class	Mode	Month&Year of Passing
Ph.D.,	Electronics and Communication	Karunya University	-	Part Time	June 2017
M.E.,	Applied Electronics	Karunya University	First Class	Full Time	April 2007
B.E.,	Electronics and Communication	Pondicherry University	First Class	Full Time	April 2005

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

Year	International Journal Publications	International Conference Publications	National Conference publications
2017 - 2025	**12**	**18**	**-**

PATENTS

1	Attention Deficit Hypersensitivity Disorder (ADHD) Detection, Application No. 202041021356, Publication Date: 05.06.2020 – Patent Granted (No. 396676)
2	A Novel Herbal Disinfecting Composition and Dispensing Device Thereof, Application no.202141014723, Publication date: 16.07.2021 – Patent Granted (No. 546294)
3	A Broadband Optically Transparent Metamaterial Absorber Self-Energy Harvesters, Application no. 202241015804, Publication date: 25.03.2022 – Patent Granted (No. 546451)
4	An Automated Selective Circuit Breaking System To Selectively Break Electric Current on Wet Sensing, Application no. 202341083776, Publication date: 05.01.2024.

RESEARCH GUIDANCE

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	-	4
Master of Engineering - Master's Thesis advising	11	-

PROFESSIONAL MEMBERSHIPS

1	Associate Member in Universal Association of Computer and Electronics Engineers (UACEE)
2	Member in International Association of Engineers (IAENG)
3	Life Member in International Society for Research and Development (ISRD)