

**Dr.M.A.P.MANIMEKALAI**

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RESEARCH/TEACHING INTERESTS

Analysis of image/video compression, Medical Image analysis, Digital Image Processing, Computer Vision, IoT based health care applications, Optimization Techniques, Fundamentals of Electrical and electronics, Electron devices, Electronic circuits , Analog Electronics, Circuit theory, Digital Electronics, Linear Integrated Circuits, Network analysis and synthesis, Communication Engineering and Control systems.

EXPERIENCE

- Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2021 – present
- Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2012 – 2021.
- Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2008 – 2012.

EDUCATION

Degree	Branch / Specialization	University	Class	Mode	Month&Year of Passing
Ph.D.,	Information and Communication Engineering	Anna University	-	Part Time	Nov 2019
M.E.,	Applied Electronics	Anna University	First Class	Full Time	March 2008
B.E.,	Electronics and Communication	Madurai Kamarajar University	First Class	Full Time	April 1997

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

Year	International Journal Publications	International Conference Publications	National Conference publications
2009 - 2025	16-Scopus Indexed	15 -Scopus Indexed	2

RESEARCH PROJECTS

#	Title of the project	Funding Agency	Amount(Rs.)	Year
1	LoRa-Drone Surveillance for Man-Animal Conflict	DST (IPTIF)	9.55 lacks	2024-2025

RESEARCH GUIDANCE

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	-	3
Master of Engineering - Master's Thesis advising	10	-
Bachelor of Engineering	25	2

PROFESSIONAL MEMBERSHIPS

1	Member of International Association of Engineers (IAENG)
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AWARDS/HONORS

1. Best research paper Award in in EEE international conference on Electrical, Electronics, communication, computer technologies and optimization techniques (ICEECCOT-2017) by GSSS Institute of Engg&Technology for women , Mysuru on 15-16 Dec 2017. (scopus)
2. Achiever Award 2025 for securing a research grant from the IIT Palakkad Technology iHub Foundation for the project "LoRa-Drone Surveillance for Man-Animal Conflict", awarded by Karunya Institute of Technology and Sciences.