

**D JUDE HEMANTH**

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RESEARCH/TEACHING INTERESTS

Artificial Intelligence, Machine Learning, Image Processing, Data Science, Artificial Neural networks, Biomedical Engg.

EXPERIENCE

- Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, 2020 – present
- Associate Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, 2013 – 2021
- Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, 2008 – 2013
- Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, 2004 – 2008

EDUCATION

Degree	Branch / Specialization	University	Class	Mode	Month&Year of Passing
Ph.D.,	Electronics and Communication	Karunya University	Commended	Part Time	April 2013
M.E.,	Communication Systems	Anna University	University First Rank	Full Time	June 2006
B.E.,	Electronics and Communication	Bharathiar University	First Class	Full Time	April 2002

SUMMARY OF INTERNATIONAL JOURNAL& CONFERENCE PUBLICATIONS - [PUBLISHED]

Year	International Journal Publications	International Conference Publications	National Conference publications
2009 - 2025	173	154	-

BOOKS PUBLISHED

1	Total number: 62 (Elsevier, Springer, IET, IOS Press) Available at: https://www.amazon.in/Books-Jude-Hemanth/s?rh=n%3A976389031%2Cp_27%3AJude+Hemanth
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RESEARCH PROJECTS

#	Title of the project	Funding Agency	Amount(Rs.)	Year
1	Developing Artificial Intelligence Based Software Tools for Screening of Diabetic Retinopathy in Retinal Images	CSIR	2.78 Lakhs	2012-2014
2	Design and development of an autonomous intelligent drone for city surveillance	DST	14.72 Lakhs	2019-2021
3	Design of license plate detection methods for intelligent transportation system	GCRF, Govt. of UK	35 Lakhs	2019-2021
4	Design of software tools for SAR image analysis for military applications	DRDO	21 Lakha	2025-2027

RESEARCH GUIDANCE

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	11	6

AWARDS/HONORS

1. Top 2% world scientist for the years 2021-2025 [Source: Stanford University and Elsevier]
2. Associate Editor of 16 SCIE journals including IEEE Transactions on ITS, IEEE-JBHI & IET-Image processing
3. IEEE EMBS Distinguished Lecturer [2025-2027]
4. International Accreditation Committee Member of European agencies in Romania, Slovenia & Montenegro
5. Visiting professor: University of Oradea, Romania [May-June 2021]; University of Luxembourg, Luxembourg [January-March 2024]; Samara State Medical University, Russia [November 2025 – October 2026]