

**G. JOSEMIN BALA**

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**RESEARCH/TEACHING INTERESTS**

Design of Energy efficient Wireless Networks including Ad-hoc networks, Wireless sensor networks and IoT networks. 5G Communication including Reconfigurable antenna design for 4G LTE and 5G bands. Cellular mobile computing and Cloud computing.

**EXPERIENCE**

- Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2009 – present
- Associate Professor, Electronics and Media Technology, Karunya Institute of Technology and Sciences, India, 2008 – 2009
- Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2007 – 2008
- Sr. Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2006 – 2007
- Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 1998 – 2006

**EDUCATION**

Degree	Branch / Specialization	University	Class	Mode	Month & Year of Passing
Ph.D.,	Information and Communication	Anna University	-	Full Time	Dec 2008
M.E.,	Communication Systems	Regional Engineering College (now NIT), Trichy, Bharathidasan University	First Class	Full Time	Dec 1998
B.E.,	Electronics and Communication Engg.	Bharathidasan University	First Class	Full Time	April 1996

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

Year	International Journal Publications	International Conference Publications	National Conference Publications
2005 - 2021	42	53	-

**PATENTS**

1	Match Composite Sketches with Drone Images, Application No.2983/CHE/2015 A, Publication Date: 10/07/2015
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**RESEARCH PROJECTS**

#	Title of the project	Funding Agency	Amount(Rs.)	Year
1	Developing a Novel Technique for Identification of victims/criminals of sexual exploitation on Women and Children	IEI	0.8 Lakhs	2015-2017
2	Modernisation of RF Laboratory with MIMO-SDR Platform	AICTE-MODROB	12.43 Lakhs	2019-2021

**RESEARCH GUIDANCE**

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	10	5
Master of Engineering - Master's Thesis advising	8	-

**PROFESSIONAL MEMBERSHIPS**

1. IEEE Senior Member – 90516564
2. Associate member of The Institution of Engineers [India] – AM158956-6
3. Life Member of ISTE – LM38576

**AWARDS/HONORS** 1. 25 Years Long Service Award 2023, KITS. 2. Achievers' Award 2022, KITS. 3. Certificate of Excellence 2021, SAMSUNG PRISM. 4. Outstanding Woman Educator & Scholar Award 2017, from NFEED.