

**G. JOSEMIN BALA**

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 Karunya Institute of Technology and Sciences
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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	40	50	-

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	7	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. Outstanding Woman Educator & Scholar Award 2017, from NFEED. 2. Achievers' Award 2015, KITS. 3. Best Researcher Award 2013, KITS.