

**D.S.SHYLU SAM**

Associate Professor, Department of Electronics and Communication Engineering  
Karunya Institute of Technology and Sciences  
Coimbatore 641114, Tamil Nadu, India  
Mobile : +91- 9487224478  
Email : shylusam@karunya.edu / mail2shylu@yahoo.com

**RESEARCH/TEACHING INTERESTS**

Analog VLSI Design, Analysis and Design of Analog Integrated Circuits, CAD for VLSI, ASIC Design, Digital Electronics, Digital Integrated Circuit Design ,Linear Integrated Circuits, CMOS VLSI Design, Embedded Systems, High Speed VLSI Design, Mixed mode modeling, Photonics, Testing and Testability, SoC Design, VLSI Design, VLSI Sub System Design, Hardware Verification Techniques, Verilog HDL and Quantum Computing

**EXPERIENCE**

- Associate Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2017 – present
- Assistant Professor (SG), Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2009 – 2017.
- Assistant Professor, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2009 .
- Sr.Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, India, 2007 – 2008.
- Lecturer, Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2005 – 2007.
- Lecturer, Electrical and Electronics Engineering, Noorul Islam College of Engineering , India, 2003 – 2005.
- Lecturer, Electronics and Communication Engineering, The Rajaas Engineering College , India, 2003 .

**EDUCATION**

Degree	Branch / Specialization	University	Class	Mode	Month&Year of Passing
Ph.D.,	Electronics and Communication Engineering	Karunya University	-	Part Time	Dec.2016
M.Tech.,	VLSI Design	SASTRA University	Distinction	Full Time	Dec. 2002
B.E.,	Electrical and Electronics Engineering	M.S. University	First Class	Full Time	Apr.2001

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

Year	International Journal Publications	International Conference Publications	National Conference publications
2005 - 2025	35	40	19

**RESEARCH PROJECTS**

#	Title of the project	Funding Agency	Amount(Rs.)	Year
1	Reconfigurable and Scalable IoT SoC for Automobile Applications	MeitY	84.61 lakhs	2023-2028
2.	AICTE -SPICES ECHO	AICTE	2.00 lakhs	2023-2025

**RESEARCH GUIDANCE**

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	-	5
Master of Engineering - Master's Thesis advising	35	1

**PROFESSIONAL MEMBERSHIPS**

1	Senior member of IEEE
---	-----------------------

**AWARDS/HONORS**

1. Best Poster Award-Sep.2017
2. Faculty Achiever Award-2023