



SETHU INSTITUTE OF TECHNOLOGY

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NAAC)



Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.

Department of Electronics and Communication Engineering				
Name	K.Subbulakshmi			
Date of Birth	30-01-1991			
Unique ID	1-43809007391			
Educational Qualifications	M.E			
Designation	Assistant Professor			
Email ID	lakshmiraman@sethu.ac.in			
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Experience	Industry	Teaching	Others	Total
	0	1year 11 months		1 year 11 months
Date of Joining the Institution	07-08-2023			
Area of Specialization	VLSI			
Courses taught	Electronic Circuits,VLSI Design, Circuit Theory, Principles of Python Programming			
Research Focus	VLSI and Neural Networks			
Research guidance (Number of Scholars)	Nil			
Subject Competency	VLSI			
No. of papers published	National Journals	International Journals	Conferences	
		3	2	
PG Specialization	Applied Electronics			
Ph.D. Specialization	VLSI			
Projects Carried out	Nil			
Patents (Filed & Granted)	1			



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Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E	ECE	Anna University	2012
PG	M.E	Applied Electronics	Anna University	2014
Ph.D.		VLSI	Anna University	Pursuing

Details of Journal Publication:

1. 3D NoC-Enabled Spiking Neural Networks: A High Performance Computing Paradigm, Springer-Evolving Systems 16(3) DOI:10.1007/s12530-025-09721-w
2. VLSI Design and Analysis of BioInspired Spiking Neural Network using Network-On-Chip Architectures, IJRSET, DOI:10.15680/IJRSET.2025.1405072
3. Edu Share: A Centralized Platform for Sharing Academic Resources, IJIRCCE, DOI: 10.15680/IJIRCCE.2025.13045027

Details of Conference attended:

1. “Smart Mining Helmet Enhancing Miner Safety with Iot and Lorawan Technology” in Emerging Trends In Information and Communication Technologies ETICT 2K’25 at Sethu Institute of Technology.
2. “VLSI Design and Analysis of Bioinspired Spiking Neural Network using Network-On-Chip Architectures” in Emerging Trends In Information and Communication Technologies ETICT 2K’25 at Sethu Institute of Technology.

Details of Book Chapter and Books Published: Human-Centric Integration of 6G-Enabled Technologies for Modern Society Fundamentals, Applications, Analysis, and Challenges, Elseiver ,ISBN-978-0-443-27434-3 ,<https://doi.org/10.1016/B978-0-443-27434-3.00004-0>

Details of Patents Filed and Granted: Advanced Image Recognition and Classification Using Deep Learning Systems-202541033640 A, Published

Expert Lecture Delivered: Nil