



SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution| Accredited with 'A++' Grade by NAAC)

Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



<u>Department of Electronics and Communication Engineering</u>				
Name	JOHN PRAGASAM D			
Date of Birth	10.03.1987			
Unique ID	1-423114064			
Educational Qualifications	B.E(ECE), M.TECH(VLSI DESIGN)			
Designation	ASSISTANT PROFESSOR			
Email ID	johnpragasamece@sethu.ac.in			
Alternate Email ID	johnpragasamece@gmail.com			
Experience	Industry	Teaching	Others	Total
		15 Years		15 Years
Date of Joining the Institution	03.01.2011			
Area of Specialization	VLSI DESIGN			
Courses taught	VLSI DESIGN and DIGITAL ELECTRONICS			
Research Focus	LOW POWER CMOS VLSI DESIGN			
Subject Competency	VLSI DESIGN			
No. of papers published	International Journals			Conferences
	10			05
PG Specialization	VLSI DESIGN			
Ph.D. Specialization	ANALOG VLSI DESIGN			
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	01 (Textbook on Satellite Communications, Shanlax Publications, ISBN 978-980686-49-3, 2014.			



Tel: 04566304600
Web: www.sethu.ac.in

Email: sit@sethu.ac.in

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E	ECE	ANNA UNIVERSITY	2008
PG	M.TECH	VLSI DESIGN	KARUNYA UNIVERSITY	2010
Ph.D.	Pursuing			

Details of Journal Publication:

1. **D.John Pragasam**, “Air Quality Monitoring with Automated Window”, International Journal of Innovative Research in Computer and Communication Engineering Volume 13, Issue 3, Pages 9618, May 2025
2. **D.John Pragasam**, “VLSI Implementation of FIR Filter Using Self Configurable Booth Multiplier”, Malaysian Multidisciplinary Journal Volume 1, Issue 1, Pages 02-07, March 2023
3. **D.John Pragasam**, P.Selvaprasanth & A.Manoh Prabakaran, “A Survey on 3-Tier Architecture of IOT-Challenges and Remedies”, Asian Journal of Applied Science and Technology (AJAST) (Quarterly International Journal) Volume 4, Issue 1, Pages 01-05, January-March 2020
4. B.Muthu Pandian, **D.John Pragasam**, P.Selvaprasanth & N.Sathiyathan, “An Effective Usage of LP Buses by DATCOD Technique” Mediterranean Journal of Basic and Applied Sciences (MJBAS) (Quarterly International Journal), Volume 4, Issue 1, Pages 04-15, January-March 2020
5. R.Karthick, **D.John Pragasam**, “Design of Low Power MPSoC Architecture using D-R Method” Asian Journal of Applied Science and Technology (AJAST) (Peer Reviewed Quarterly International Journal) Volume 3, Issue 2, Pages 101-104, April -June 2019
6. R.Ganesan, **D.JohnPragasam**, “A novel approach to implement the BIST technique in TMR systems and generate test patterns”, International journal of advanced information science and technology, vol.34, no.34, Feb 2015.
7. B.MichaelVinolineRinoj,V.M.KothandaThiliban, **D.JohnPragasam**, ” A LPHC X-Filling Framework for Capture power Reduction during Speed Scan Testing”, International journal of advanced information science and technology, vol.38, no.38, Jun 2015.
8. **D.JohnPragasam**, “Light weight novel approach voter design using Sic vector in TMR systems”, International journal of advanced research in computer science and software engineering, vol.5, no.2, Feb 2015.
9. **D.JohnPragasam**, “Synthesis of lanthanum doped magnesium ferrite as jointed substrate material to design and develop micro strip patch antenna for ISM band application”, IOSR journal of mechanical and civil engineering, no.59-64, 2014.
10. **D.JohnPragasam**, R.Ganesan, “Weight Pattern generation using sequential circuits”,vol. 14, no. 14, IJAIST, June 2013.

Details of Conference attended:

1. S.Ramkumar , M.Manoh Kumar, **John Pragasam**, Vasant Naidu, “Study of Electrical properties of Nano Zinc Ferrite doped with Cerium and Nickel for Antenna Studies “,International Conference on VLSI COMPUTATION, NETWORKING, DRIVES & SYSTEM DEVICES, march 2014.
2. X.Amala Dhivya, R.Jasmine, M.Venkatesh, G.Guna Anban, **D.John Pragasam**, A.C.Shagar, Electromagnetic Wave Shielding Studies by Synthesizing Novel Nano Titanium Ferrite Doped With Cerium, International Conference on VLSI COMPUTATION, NETWORKING, DRIVES & SYSTEM DEVICES, march 2014.
3. P.Sheeba, M.Bhooma Devi, S.Fathima Rizwana, V.Vinoth, **D.John Pragasam**, Vasant Naidu, “Synthesize of Electromagnetic Wave Shielding In Densely Populated Area by Synthesis of Titanium Ferrite Doped With Samarium”, International Conference on VLSI COMPUTATION, NETWORKING, DRIVES & SYSTEM DEVICES, march 2014.
4. K. Raja, S.B.Muthu Kumar, **D.John Pragasam**, M.Kalpana, A.C. Shagar, “Performance Analysis Of Rectangular Microstrip Patch Antenna Using SMA Probe Feeding Technique To Operate In ISM-Band”, International Conference on VLSI COMPUTATION, NETWORKING, DRIVES & SYSTEM DEVICES, march 2014.
5. R.Ganesan, **D.JohnPragasam**, “Optimum path metric computation for VITERBI TCM decoder”, International conference on advanced computing machines and embedded technology,no.708-713, ICACT, 2013.

Details of Book Chapter and Books Published:

1. Vasant Naidu, Mr.S.K.A.Ahamed Kandu Sahib, Mr.D.John Pragasam; Textbook on Satellite Communications, Shanlax Publications, 2014, ISBN 978-980686-49-3.