


Faculty Profile

Name	: Dr. A. Sriram				
Date of Birth	: 13.09.1990				
Highest Qualification	: PhD in Faculty of ICE				
Date of Joining	: 12.08.2022				
Designation	: Assistant Professor				
Date of promotion (Present Designation)	: -NA-				
Area of Interest	: Internet of Things, Image Processing and VLSI Design				
Mobile No	: +91 9524484299	Email ID	: sriram.a@trp.srmtrichy.edu.in		
Experience	: Teaching : 11	Industry	: 1	Research	: -NIL-
Address (for Communication)	: 3/577, Udaiyar Street, Alamankurichi, Earakaram Post, Kumbakonam, Thanjavur, Tamilnadu, India – 612 303.				

Association with Professional Bodies

Name (Professional Body)	Computer Society of India (CSI)	The Indian Society For Technical Education (ISTE)	International Association of Engineers (IAENG)	Computer Science Teachers Association (CSTA)
Type of Membership and No.:	-	-	141264	-

Research

Ph. D Guidance					
Supervisor / Guide ship No. :	NA	University :	NA	No. of Scholars :	NA
Publication*					
International Journals	: 17	National Journals	: NA		
International Conference	: 5	National Conference	: 2		
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount)	: 1,67,500	Applied (Amount)	: 1,67,500		
Patent					
Published	: 2	Granted	: 1		

Books

Published	3 Books Published
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FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	8	Attended :	-	Attended :	7	Attended :	6	Attended :	-
Organized :	-	Organized :	-	Organized :	4	Organized :	7	Organized :	-

Online courses (NPTEL, MOOC etc.)	2
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***List of Publications :**

1. Chellaswamy, C., Manjula, M. Muthu, Ramasubramanian, B., & Sriram, A. (2024). FPGA-based remote target classification in hyperspectral imaging using multi-graph neural network. *Microprocessors and Microsystems*, 105, 105008. Elsevier.
2. Sriram, A., & Sudhakar, T. D. (2023). Photovoltaic cell panels soiling inspection using principal component thermal image processing.
3. Raja, E., Gandhimathi, G., Sriram, A., Ramasubramanian, B., & Priyadharshini, K. (2023). A novel deep learning based approach for object detection using mask R-CNN in moving images. In *AIP Conference Proceedings* (Vol. 2946, No. 1). AIP Publishing.
4. Aiswarya, K., Sriram, A., Raja, E., & Gandhimathi, G. (2023). An innovative scheme for smart school bus tracking system using machine learning and IoT techniques. In *AIP Conference Proceedings* (Vol. 2946, No. 1). AIP Publishing.
5. Dr. S. Saju, Mrs. S. Priyadharsini, & Sriram, A. (2022). Review of 6G communication in haptic technology. *Advances in Dynamical Systems and Applications*, 17(1), 247–256. Research India Publications.
6. Sriram, A. (2021). A low power full adder design with digital to analog converter circuit by generic 250nm devices. *International Journal of Modern Science and Technology*, 6(5-6), 95–100. G J Publications.
7. Sriram, A., & Sudhakar, T. D. (2021). Technology revolution in the inspection of power transmission lines-a literature review. In *2021 7th International Conference on Electrical Energy Systems (ICEES)* (pp. 256–262). IEEE.
8. Thivagar, T., & Sriram, A. (2020). Hand gesture and voice controlled smart vehicle. *International Journal of Modern Science and Technology*, 5(6), 164–167.
9. M. Balaji, M. Rajakarthykeyan, S. Ashad, A. Muniyasami, Sriram, A., & N. Dineshkumar. (2019). Defensible electronic voting machine using face recognition. *International Journal of Modern Computation, Information and Communication Technology*, 2(4), 32–35. G J Publications.
10. M. Atchaya, R. Sankari Priyanga, S. Tamilmozhi, K. Priyadharshini, & Sriram, A. (2019). Abnormality detection using thermal image. *International Journal of Industrial Engineering*, 3(3), 26–32. G J Publications.
11. M. Dhasarathi, & Sriram, A. (2019). Effective multiplexer power-delay space design using generic 250 nm device. *International Journal of Modern Science and Technology*, 4(11), 281–285. G J Publications.
12. Anbalagan, S., & Sudhakar, T. D. (2019). Protection of power transmission lines using intelligent hot spot detection. In *Fifth International Conference on Electrical Energy Systems* (Vol. 1, No. 2, pp. 1–6).
13. Karthik, S., Sriram, A., & Vinoth, B. (2018). Automatic health management system in urbanized hospitals. *Research and Applications: Embedded System*, 1(2, 3), 1–3.
14. Indhu, S., & Anbalagan, S. (2018). Design and performance analysis of inexact-speculative Han Carlson adder. *International Journal of Trendy Research in Engineering and Technology*, 2(4).
15. Indhu, S., & Sriram, A. (2017). Design and performance analysis of VLSI architecture for inexact speculative adder. *International Journal of Industrial Engineering*, 1(7), 208–213.

16. K. Abikayal, & Sriram, A. (2017). Design of reversible comparator using reversible gates with encoding technique. *International Journal of Modern Science and Technology*, 2(6), 238–242. G J Publications.
17. Sriram, A., & Deepan, P. (2016). Effective optimization of network reliability using new adaptive genetic algorithm. *International Journal of Modern Science and Technology*, 1(4), 115–120.