



# SRM Valliammai Engineering College (An autonomous Institution)

SRM Nagar, Kattankulathur - 603 203, Chengalpattu District, Tamil Nadu.

TEL : 044 - 27454784 / 726, FAX : 044 - 27451504

## Department of Electronics & Communication Engineering

### Personal Details

<b>Name :</b>	S. MARI RAJAN		
<b>Designation :</b>	Asst. Prof (Sr.G)		
<b>Educational Qualification :</b>	M.E.,		
<b>Experience:</b>	15 Years		
<b>Area of Specialization :</b>	VLSI Design		
<b>Email ID :</b>	marirajans.ece@valliammai.co.in, ecemarirajan@gmail.com		
<b>Contact Numbers :</b>	99423 22446, 044 - 27454784	<b>Extn:</b> 8157	

### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	ECE	Mohammed Sathak Engineering College / Madurai Kamarajar University	2004
2	M.E.	VLSI Design	Arulmigu Kalasalingam College of Engineering / Anna University	2006

### Professional Society Memberships

1. Indian Society of Technical Education: LM 102359
2. Institution of Electronics and Telecommunication Engineers: M-502316
3. International Association of Engineers: 165049
4. Life Member of Computer Society of India: I1505886
5. Life Member of Indian Science Congress Association: A5781

### Publication Details

#### Journals:

1. B. Sai Sudha, P. Sendhur Pandi, V. Sowmya, B. Ramya, Mr. S. Marirajan, Medical Assistive System during Emergency Situation Using Augmented Reality, IJARESM, ISSN: 2455-6211 Volume 9, Issue 4, April -2021, Impact Factor: 7.429.
2. Rubhadharshini. K, Roshini.D, Vivekha.N, Aafrin Rukshana.A.M, Mr. S. Mari Rajan, "Secured Examination Sysytem Using RFID and Iris Recognition Technique, IRJMETS, e-ISSN: 2582-5208 Volume:03/Issue:03/March-2021 Impact Factor- 5.354.
3. Kavipriya Krishnan, Keertika Prabhu, Siddharth Manimaran, Mari Rajan Sakthivel, "FPGA based Electro Cardio Gram (ECG) signal analysis using Linear phase Finite Impulse Response filter", Volume: 07 Issue: 03, Mar 2020, e-ISSN: 2395-0056, p-ISSN: 2395-0072, 2020,
4. Sridevi Natchiyar A V, Saadhana Santoshi J, Sandhya R, Mari Rajan S "Increasing the Efficiency and Monitoring the performance of Solar Panel using IoT" 2020 IJCRT, Volume 8, Issue 3, March 2020, ISSN: 2320-2882.
5. Kingshuk Das, R. Moganaselvan, T. Bharathmaran, S. Marirajan, "Gesture controlled Drone for Agricultura Assistance", International Journal of Innovative Research in Computer and Communication Engineering, vol.6, no. 3, pp. 2993-2996, Feb. 2019.
6. Jerolin Silviya.A, Devaraj. V, Vijay Bhoopathy. R, S. Marirajan, "Automated Face Detection and Recognition for detecting Impersonation candidate", International Research Journal of Engineering and Technology vol.6, no. 3, pp. 2566-2568, March. 2019.
7. "Density based Traffic Signal System", vol. 6, Issue 01,pp.1887-1889, International Journal for scientific Research & Development, March 2018.
8. D.Suganya, R.Shyla, V.Jayasudha, S. Marirajan, "Storage optimization of video surveillance from CCTV camera", vol. 5, no.3,pp. 1356-1359, International Research Journal Of Engineering and technology, March2018.

#### Conferences:

1. K.Jaya, M.Jayashree, Jerome Deepak, S.Marirajan, "Microcontroller based MODBUS Protocol converter using PIC 17C756, National Conference on Emerging Technologies 2017 held at Arunai College of Engineering.
2. Arunkumar, Marirajan.S, "Convergence Routing Analysis in IPv6 Networks", IOSR Journal of Electronics and Communication Engineering e-ISSN: 2278-2834,pp:18-24, 2016.
3. Sujatha.J, Marirajan.S, "Impulse Noise Estimation in Frequency Selective Fading Channel", IEEE Sponsored Int. conf. on Innovations in Information Embedded and Communication Systems, pp.106-112,2015.
4. Sujatha.J, Marirajan.S, "Impulse Noise Mitigation and ICI free equalization for OFDM System Using Blanking Preprocessing", Int.conf.on Computing, Communication and Advanced Networks, pp.64-69,2015.

## Research and Development Details

1. *No. of Research Projects Completed: Nil*
2. *No. of Patents Filed: Nil*
3. *No. of Ph.D candidates guided/guiding: Nil*
4. *No of Conferences Convened: Nil*

## Other Particulars

1. *No. of Books Published:*
  2. *No. of STTP/FDP coordinated:*
- Events Organized:*

Organized a Webinar on “Bio Sensors and its Applications” on 19<sup>th</sup> November 2020.  
Organized a Seminar on “Wearable Sensor Networks” on 02.02.2018.  
Organized a two days FDP on “EC6702 Optical Communication & Networks” on 29.06.16 & 30.06.16.