



SRM Valliammai Engineering College

An Autonomous Institution

SRM Nagar, Kattankulathur-603203, Chengalpet District, Tamil Nadu.

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Department of Electronics and Communication Engineering

Personal Details

Name :	Arthi.K		
Designation :	Assistant Professor(O.G)		
Educational Qualification :	M.E.,(Ph.D)		
Experience:	9 years, 6months		
Area of Specialization :	VLSI Design		
Date of Birth :	02/10/1989		
Date of Joining :	03/07/2013		
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	ECE	Adhiyamaan engineering college /Anna University	2010
2	M.E.	VLSI Design	SKR Engineering college	2012
3	Ph.D.	INFORMATION AND COMMUNICATION	Anna University	Pursuing

Professional Society Memberships

1. Indian Society of Technical Education (ISTE) - Life Member
2. Indian Science Congress Association (ISCA)- Member
3. International Association of Engineers (IAENG)-Member
4. Computer Society of India - Life Member.
5. Institution of Electronics and Telecommunication Engineers (IETE) - Life Member

Publication Details

1. Rajendran, Revathi and Arthi Kalidasan, and Chidhambara Rajan B. "Convergence of AI, ML, and DL for Enabling Smart Intelligence: Artificial Intelligence, Machine Learning, Deep Learning, and Internet of Things." In Challenges and Opportunities for the Convergence of IoT, Big Data, and Cloud Computing.
2. Hari Haran M, Harish Kumar K V, Harish Kumar P, Vignesh D, Arthi K, " Wearable monitoring device for privacy preserving for mental wellbeing based on IoT," International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 07 Issue: 02 | Mar 2020.
3. Divya P, Ayeswariya P, Divesh M, Arthi K, "Eyeblink Controlled Virtual Keyboard Using Raspberry Pi," International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 07 Issue: 02 | Mar 2020.
4. M. Karthik Narayanan, D. Nivetha, V. Mahalakshmi, Ms. K. Arthi, **Intelligent Home monitoring using IoT for physically challenged**, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 06 Issue: 03 | Mar 2019.
5. "Prototype for Wireless Charger based on Rectenna and Atmel Microcontroller". International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 5, Issue 4, April 2017.
6. "Underwater wireless sensor networks using enhanced K-mean and clustering approach", D Saranya, K Arthi - International Journal of Emerging Technology in Computer Science &

Electronics (IJETCSE) ISSN: 0976-1353 Volume 21 Issue 4 – APRIL 2016.

7. **“Switching Between Active and Sleep Mode in Underwater Wireless Sensor Networks to Extend Network Lifetime”**, D.Saranya and K.Arthi.

Conferences:

1. International Conference on Advanced Computing and Communication Technology -2021 conducted by Francis Xavier Engineering College in association with IFERP, 2021 titled **“A Study On Iot And Cot Based Wearable Healthcare”**.
2. International Conference on Latest Trends in Science, Engineering and Technology (ICLTSET – 19) conducted by Karpagam Institute of Technology titled **“Women safety system with interconnecting networks using IoT”**.
3. International Conference on Innovation in Signal Processing and Communication (ICISPC – 2K18) conducted by ARM College of Engineering and Technology titled **“Vehicle to Vehicle Communication using Li-Fi Technology”**.
4. International conference at Prathyusha Institute of Technology Chennai titled **“Design of BCH demodulator and modified BCH decoder (63, 56) for telecommand system in cubesat”**.
5. National Conference at SKR Engineering College, Chennai titled **“Authentication of medical plants using image processing “**.

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*
5. *No of Seminars Convened:nil*

Other Particulars

1. Resource Person for FDP on “EC6404 – Linear Integrated circuits “by Dept. of ECE, SRMVEC.
2. Resource Person for FDP on “EC6502 – Digital Signal Processing”by Dept. of ECE, SRMVEC.