



**A. Sakthi Preetha M. E, M.Sc. (Psychology), (Ph. D-Pursuing)**

Assistant Professor & ECE

Velammal College of Engineering and Technology, Madurai E-

MailId: [spa@vcet.ac.in](mailto:spa@vcet.ac.in)

**Educational Qualification:**

CLASS / COURSE	NAME OF THE INSTITUTION	BOARD / UNIVERSITY	YEAR OF PASSING	MARKS% / CGPA
Ph.D. (Pursuing)	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY	ANNA UNIVERSITY	2023-PRESENT	9.75(COURSE WORK)
M.Sc. (Psychology)	TAMILNADU OPEN UNIVERSITY(TNOU)	STATE UNIVERSITY	2020	7.92
M.E (Wireless Technologies)	THIAGARAJAR COLLEGE OF ENGINEERING(TCE), MADURAI	ANNA UNIVERSITY	2014	9.54
B.E (ECE)	GOVERNMENT COLLEGE OF TECHNOLOGY(GCT), COIMBATORE.	ANNA UNIVERSITY	2012	8.32
XII	S.B.K. GIRLS HR.SEC.SCHOOL, ARUPPUKOTTAI	TAMILNADU STATE BOARD	2008	96%
X	S.B.K. GIRLS HR.SEC.SCHOOL, ARUPPUKOTTAI	TAMILNADU STATE BOARD	2006	96.6%

**Experience in Years: 2 Years 9**

**months Employment History:**

Sl.No.	College/Company	Designation	Nature of Job	Period
1.	Velammal College of Engineering & Technology	Assistant Professor	Research & Teaching Regular	10.06.24 – Till date
2.	Mepco Schlenk Engineering College, Sivakasi	Assistant Professor	Teaching-Regular	02.07.14 – 16.04.16
3.	Thiagarajar College of Engineering, Madurai	Teaching Assistant	Teaching-Full Time	June 2013- May 2014

### **Interested Research Areas:**

- Metamaterial Antennas, Wearable Antennas
- Networks

### **Scholarships and Awards received:**

- Secured **UNIVERSITY FIRST RANK** in **M.Sc.** (Psychology) during 2019-2020.
- Secured **COLLEGE FIRST RANK** in **M.E** (Wireless Technologies) during 2012-2014.
- Won “**RAJ MUDHALVAN**” Award and “**TAMILNADU STATE APPRECIATION CERTIFICATE**” for securing **DISTRICT 1<sup>ST</sup>** in **SSLC** during 2005-2006.
- Got “**BEST IN MATHS**” Award during school days.

### **Books Published:** NA

### **Patents Rights Received:** NA

### **Funded Research Projects:** NA

## **PUBLICATIONS DETAILS:**

### **INTERNATIONAL JOURNALS:** 4

- Sakthi Preetha Asokan, Kavitha Kaliappan, “Revolutionizing healthcare with meta material-enhanced antennas: A comprehensive review and future”, Frequenz, [De Gruyter](#), ISBN/ISSN/DBID (2191-6349), 2024.
- Sakthi Preetha Asokan, Dr.R. Sukanesh, “Application of AODV protocol with optimized Anycast routing for healthcare networks”, International Journal of Applied Engineering Research 10(20):17221-17226, 2015.
- V.Sahaana, Sakthi Preetha Asokan, Dr.R. Sukanesh, “Energy Aware Trust based System for Enhancement of Mobile Healthcare Reliability and Security”, International Journal of Advanced Research in Electronics and Communication Engineering (volume 3, Issue3),2014.
- Sakthi Preetha Asokan, V. Sahaana, Dr.R. Sukanesh, “A Reliable Data Transmission Protocol for Healthcare networks using Wireless-Fidelity (Wi-Fi)”, International Journal of Advanced Research in Electronics and Communication Engineering (volume 3, Issue3),2014.

### **INTERNATIONAL CONFERENCES:**3

- A. Sakthi Preetha, S. Lilly Sobi, T. Krithika ‘Transparent Mobility Flow Management in IP Multimedia Subsystem using Trim Architecture’, IEEE Sponsored 2nd International Conference on Innovations in Information, Embedded and Communication systems (ICIIECS),2015.
- V.Sahaana, A. Sakthi Preetha, Dr R. Sukanesh ‘A novel decentralizes trust evaluation model for secure mobile healthcare systems’, International Conference on Information Communication and Embedded Systems (ICICES2014),2014.
- A. Sakthi Preetha, V. Sahaana, Dr R. Sukanesh, ‘A reliable and fast routing data transmission protocol for Wi-Fi based real time patient monitoring System’, International Conference on Electronics and Communication Systems (ICECS),2014.

**FDP's and workshops:**

- Faculty Development Programme on “Antenna Concepts and Applications “by SSN College of Engineering, Chennai (2024).
- Faculty Development Programme on " Recent trends in Antenna engineering and its applications " by Ministry of Electronics and Information Technology & RIT, Chennai (2023).
- Short term course on “Antenna Design Techniques and Tools” by National Institute of Technical Teachers Training and Research, Chandigarh (2023).
- Short term course on “Recent Trends in Communication Technologies-Beyond 5G”, by Velammal College of Engineering and Technology, Madurai (2023).
- “Research issues in reconfigurable meta materials and meta surfaces for Antenna design” by Velammal College of Engineering and Technology, Madurai (2022).

**Membership:**

Life time member in IETE.