

## PROFILE

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### EDUCATION DETAILS

DEGREE	SPECIALIZATION	YEAR OF PASSING	CLASS/GRADE	NAME OF THE COLLEGE/UNIVERSITY
B.E.	Electronics & Instrumentation	1988	I – Class	ANNAMALAI UNIVERSITY,CHIDAMBARAM
M.E.	Applied Electronics	1990	I – Class	BHARATHIAR UNIVERSITY, COIMBATORE.
Ph.D	Wireless Sensor Network	2019	-	ANNA UNIVERSITY, CHENNAI

### SPONSORED PROGRAMS ORGANIZED

- ❖ Secured the AICTE Grant for conducting the FDP on Data base Programming with Visual Basic during the year 2002 – 03.
- ❖ Secured Rs 15.4 Lakh Grant from AICTE for the Modernizations of Web design and Animation Lab under Modrobs Scheme in the year 2012-13.
- ❖ Establishment of E-Yantra Lab using Rs 4.5 lakh grant from SPCU, Chennai.
- ❖ Organized FDP on Embedded Systems & IOT in association with NITTTR, Chandigarh in 2019
- ❖ Organized AICTE & ISTE sponsored Refresher Programme on Industrial Automation using “PLC & SCADA”(ONLINE MODE) in phases.
  - ❖ Phase I:03.02.2021 to 09.02.2021
  - ❖ Phase II:24.01.2021 to 02.03.2021
  - ❖ Phase III:24.03.2021 to 30.03.2021

### GUEST LECTURES DELIVERED

- ❖ Delivered a Lecture on Internet of Things at Muthayammal Polytechnic College, Rasipuram

## SUBJECTS HANDLED

- ❖ Electronic Devices & Components
- ❖ Digital Electronics
- ❖ Industrial Electronics
- ❖ C Programming
- ❖ C++ programming
- ❖ Mobile Communication
- ❖ Embedded Systems
- ❖ Very Large Scale Integration

## PAPERS PRESENTED / PUBLISHED

### 1. Journal Publications

1. **SenthilArasu, S** &Karthikeyan, NK 2019, "Residual Energy and Time Aware Cluster based Data Gathering in Wireless Sensor Network", Sensor Letters.
2. **SenthilArasu, S** &Karthikeyan, NK 2018, "X-means clustering for resource efficient data Gathering and routing in wireless sensor network", Taga Journal of Graphic Technology.
3. **SenthilArasu, S** &Karthikeyan, NK 2016, "Hybrid Energy Consumption model to improve The Wireless Sensor Network Lifetime", Journal of Advances in Natural and Applied Sciences,
- 4.. **SenthilArasu, S** &Karthikeyan, NK 2016, "Optimized Lehe: A Modified Data Gathering Model for Wireless Sensor Network", Journal of IIOAB.

### 2. National / International Conferences

SL. NO.	TITLE OF THE PAPER	NAME OF THE CONFERENCE	ORGANIZED BY	DURATION
1	Hybrid Energy Consumption model to improve the Wireless Sensor Network Lifetime.	International Conference of engineering Technology and science.	Muthayammal Engineering Institutions, Rasipuram	18th and 19th of March 2016.

## MEMBERSHIP IN PROFESSIONAL BODIES

- ❖ Life member in Indian Society for Technical Education (ISTE)

## HONORS AND AWARDS

- ❖ Received " Best Polytechnic Teacher Award " from ISTE- TN section for the year 2019

## ANY OTHER INFORMATION

- ❖ Process champion of CIICP from 2001 to 2007.
- ❖ Continuing Education Manager of CIICP since 2007 conducted more than 30 courses for the rural public and students. More than 7000 beneficiaries.
- ❖ HOD In charge of Computer Engineering Department From 2007 to May 2019
- ❖ Placement officer from 2014 to 2016 and achieved 100 % placement in both the years.
- ❖ Participated in 27 QIP s.
- ❖ Attended 16 short term courses / workshops.
- ❖ Attended 16 training programmes.