



Sri SAI RAM INSTITUTE OF TECHNOLOGY

An ISO 9001 : 2008 Certified Institution

Sai Leo Nagar, West Tambaram, Chennai - 44. www.sairamit.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : G.SARAVANAN

Designation : ASSOCIATE PROFESSOR Date of Joining: 28.11.2011

Email : saravanang.ece@sairamit.edu.in

Qualification : M.E.,(Ph.D)

Specialization : APPLIED ELECTRONICS

Research Interest : Wireless Networks, Sensor Networks, Wireless communication

Experience in years : **Teaching** UG PG **Industry**

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP



Professional Membership	ISTE
Publications	National : -
	International: 04
	Book :
Research Funded Projects	nil
Patents	nil

Achievements	<ul style="list-style-type: none"> - Received cash prizes for a 100 % result secured in the University Examinations. - Received Best Coordinator award for a workshop organized. - Nodal officer for BSNL – AICTE EETP program - Mentor for Smart India Hackathon program 2016. <p>ISTE Secretary for staff and Student chapters and received the ISTEMotivation award 2016.</p>
Any Other Information	nil

List of Publications:-

1. MOBILE SINK DATA GATHERING TECHNIQUE FOR WIRELESS SENSOR NETWORKS USING PSO
2. HIBRID GENETIC ALGORITHM FOR LIFETIME MAXIMIZATION OF WIRELESS SENSOR
3. DATA MULES ORIENTED PARTICLE SWARM OPTIMIZATION BASED MOBILE SINK DATA GATHERING TECHNIQUES WITH ANALYTICAL DATA ANALYSIS USING LINEAR REGRESSION.
4. NETWORK LIFETIME ESTIMATION OF WIRELESS SENSOR NETWORKS USING COMMUNICATION PROTOCOLS WITH NON PARAMETRIC MODELS

List of Patent: NIL

Conferences -03 / FDP Attended:- 01

1. Proficient Energy Consumption Algorithm Using HMAC and ANT Colony-Based Algorithm – ICICI GLOBAL 2012.
2. Prevention Of Fishermen From Crossing Navigational Boundaries Based Partly Using Android Applications – 25TH IRF CONFERENCE
3. Hybrid Genetic Algorithm For Lifetime Maximization Of Wireless Sensor - ICCIT 2015
4. Adhoc And Sensor Networks - 2017

Workshop Organized:-03

1. Workshop on Robozest -2012
- 2.6 days work shop – 2016(Embedded system and its applications)
3. 6 days work shop – 2017(Basic Electronics design and Embedded system)