



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

An ISO 9001 : 2008 Certified Institution

Sai Leo Nagar, West Tambaram, Chennai - 44. [www.sairamit.edu.in](http://www.sairamit.edu.in)

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Name : P.SARAVANAN  
Designation : Associate Professor  
Email : saravanan.ece@sairamit.edu.in  
Qualification : M.E.(P.hD)  
Specialization : DSP, Power Electronics  
Research Interest : Signal processing  
Date of joining : 20/06/2008  
Experience in years : **Teaching** UG 18 PG 12 **Industry** 4  
No. of Workshop/Conferences/  
FDP attended : Workshop 11 Conferences 3 FDP 6  
No. of Workshop/Conferences/  
FDP Organized : Workshop 1 Conferences 1 FDP-



Professional Membership	ISTE, IETE
Publications	National :-
	International:3
	Book :-
Research Funded Projects	-
Patents	-

Achievements	<ul style="list-style-type: none"> <li>• Obtained 98% result in Electron devices &amp; Circuits</li> <li>• Obtained 100% result in Digital Electronics</li> <li>• Obtained 100% result in Microprocessor &amp; Applications</li> <li>• Obtained 98% result in Digital Signal Processing</li> <li>• Helped in establishing well equipped Laboratories</li> <li>• Received a Sponsorship amount of Rs 1,00,000 from AICTE for NCCOMNET-11.</li> </ul>
Any Other Information	-

### **List of Publications:-**

1. P.Saravanan,Dr,B.Latha “Comparative Study of Different Multiplier For Signal Processing applications “ Published in IJAER, OCT-2015
- 2.P.Saravanan,Dr.B.Latha & Dr.K.Bhoopathy Bagan,” An effective algorithm of lowpower implementation of digital filter with improved multiplier and sigma-delta adc "Published in IJAER,FEB-2015.
- 3.Saravanan.P,Latha.B, & Bhoopathy bagan.K, 2017,' An algorithm to improve the performance of medical signal filter with implementation using arm processor ', Biomedical Research, vol.28, no.6, pp. 2402-2406, ISSN : 0970938X (AnnexureI). Impact factor – 0.219.

### **List of Patent :**

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### **Workshop / Conferences / FDP Attended:-**

1. Attended oneday workshop on "Getting Fund for Research projects " at Sri Sairam Institute of Technology," in OCT-2017
2. Attended two days placement officers meeting in Anna University in Jan-2016
3. Attended workshop on Journal publication in Sri Sairam Institute of technology in Jan- 2015
- 4 Attended two days workshop on “Video analytics’ at M.I.T, Chennai in March 2012.
- 5 Attended ICTACT BRIDGE 2012-Chennai Edition on ‘Entrepreneurship and Incubation’ in Feb 2012.
6. Attended Workshop on “Art of Journal and Thesis Writing” in January 2012 at Sri

Sairam Engineering College, Chennai.

7. Presented a paper in the National Conference NCCOMNET-11 titled “Low power FIR filter design using computational sharing multiplier” in October 2011 at Sri Sairam institute of Technology, Chennai.
8. Attended SDP on “Soft Computing and Artificial Intelligence” in September 2011 at Sri Sai Ram Institute of Technology, Chennai
9. Attended Workshop on “Team building” in Jan 2011 at Sri Sairam Institute of Technology, Chennai.
10. Attended training and placement Heads conclave on “Recruitment Trends and preparing students for employability” in September 2011, at Hotel Rain tree, Chennai.
11. Attended two days workshop on “VLSI Design methodology & Tools” at Sri Sairam Engineering college in October 2010.
12. Attended a FDP on Control Systems in Feb 2009 at Sri Sairam Engineering College, Chennai.
13. Attended ISO Training programme on “ISO 9001-2008 QMS and Audit Training” in Dec 2009 at Sri Sairam Institute of Technology, Chennai..
14. Attended Three days Workshop on “Train the Trainer Program’ By Sutherland Global Services in September 2007, at Dhanalakshmi College of Engineering, Chennai.
15. Attended a Seminar on “Acquire M.B.Nirmal’s 7<sup>th</sup> sense Achieve Change” By Innovations at Rajalakshmi Engineering College, In March 2007.
16. Organized a National conference on “Emerging Trends in Communication, Computing & Networks” ETCCN-07 in April-2007 at Rajalakshmi Engineering College.
17. Attended three days workshop on “Staff Development & Counselling “By Dr.Ashok Sahni, in April 2006 at Hotel Horizon, Chennai, Organised by Rajalakshmi Engg College.
18. Attended a Four days Workshop on “Effective communications & Presentation Skills” By Ravi Ramanathan’s Institute, in April 2005, at Rajalakshmi Engg College.
19. Presented a paper in the National Conference titled “Sensorless control of Permanent magnet Brushless DC Motor” in May 2005 at Dr MGR University, Chennai.

20. Attended two days workshop on “ Student Guidance & Counselling” By National Institute of Technical Teachers Training and Research in June 2004,at Rajalakshmi Engineering college,Chennai.

**Workshop / Conferences / FDP Organized:-**

1.AICTE Sponsored National conference NCCOMNET-11 in Sri Sairam institute of Technology, August-2011.

2.Workshop on "Circuit Simulation using EDA tools" in July 2015.