

FACULTY PROFILE



Name : MALATHI L
Designation : ASSISTANT PROFESSOR
Email ID : malathi.ece@srit.org

Area of Specialization : VLSI, DSP

Total Experience : Academic : 7 years 8 Months

Industry : NIL

Educational Qualification:

Degree	Branch / Specialization	College	University
M.E.	APPLIED ELECTRONICS	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY	ANNA UNIVERSITY, CHENNAI
B.E.	E C E	CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY	ANNA UNIVERSITY, CHENNAI
Ph.D	LOW POWER VLSI	Pursuing	

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY, COIMBATORE	ASSISTANT PROFESSOR	09.06.2008	Till Date	7 years 8 Months
Total (as on Feb 2016)					Years- 7 Months- 8

Funded Projects:

S. No.	Funding Agency	Topic	Amount Sanctioned in Rs.	Year of Sanction
NIL				

Consultancy Work:

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
NIL				

Patents (Specify the details): NIL**Publications :****Journals : 03**

1. "Performance Analysis of Different Micro Ring Resonators Based on Optical Delay Lines", IJCA (International Journal of Computer Applications), Vol.67, Issue No.13, April'13
2. "FPGA Implementation for Reduced Memory using Scalable Encryption Algorithm", IJECEE (International Journal for Electronics Communication and Electrical Engineers), Vol.4, Issue No.2, March'13
3. "Finger print Combination by Minutiae and Coordination Extraction for Privacy Protection", International Journal of Latest Trends in Engineering and Technology (IJLET), Vol.6, Issue No.3, January'16

International Conferences: 01

1. International Conference (OSIET-2015), Paper Presented in the Title, " Computerised Collimator Positioning - Diagnostic Radiography (X- Ray) " at Sri Ramanujar Engineering College, Chennai on 15.03.2015

National Conferences: 04

1. National Conference (Third NCICC'08) Paper Presented in the Title, " VLSI Design and Implementation of Dynamic Data Scaling in 8K Pipeline FFT / IFFT Cores" at SNS College of Technology, Coimbatore on 21.02.2008.
2. National Conference (NCACT,08), Paper Presented in the Title, " VLSI Design and Implementation of Dynamic Data Scaling in 8K Pipeline FFT / IFFT Cores" AT Alagappa Chettiar College of Engineering and Technology, Karaikudi-630004 on 19.03.2008.
3. National Conference (CAREER'13), Paper Presented in the Title, "Power Reduction of CSLA using CMOS" AT SNS College of Engineering, Coimbatore-35 on 01.03.2013 & 02.03.2013.
4. Fourth National Conference on ADAMMS 2015, Paper Presented in the Title, "Design of Recoder Using FAM Technique For Efficient Multiplication" at Sri Krishna College of Engineering and Technology, Coimbatore-641008 on 26.03.2015 & 27.03.2015.

Books Published: NIL

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
NIL			

FDP Attended: 02

1. AICTE Sponsored QIP - Short Term Course in "Research Challenges in VLSI Design and Testing" at Coimbatore Institute of Technology Coimbatore –14 on 08.12.2014 to 14.12.2014.
2. Anna University Chennai Approved FDTP in "EE6201-Circuit Theory" at Karpagam College of Engineering, Coimbatore on 07.12.2015 to 13.12.2015.

Seminar Attended: 05

1. Attended the Seminar on "Recent Trends in High Data Rate Wireless Communication (AICTE Sponsored)" at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 20.08.2009 & 21.08.2009.
2. Attended the National Seminar on "Modern Trends in Wired and Wireless Communication (IETE Sponsored)" at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 29.12.2010 & 30.12.2010.
3. Attended the National Seminar on "Design and Applications of VLSI Techniques (MOES Sponsored)" at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 12.10.2011 & 13.10.2011.
4. Attended the National Seminar on "Wireless Networks for Rural Applications (MOES Sponsored)" at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 10.10.2011 & 11.10.2011.
5. Attended the National Seminar on "Digital Image Processing and its Applications" at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 18.03.2013.

Conference Attended: 03

1. Attended the Second National Conference on CCCA 2010 at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 23.04.2010 & 24.04.2010.
2. Attended the Third National Conference on CCCA 2012 at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 09.03.2012 & 10.03.2012.
3. Attended the Fourth National Conference on CCCA 2014 at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 28.03.2014 & 29.03.2014.

Workshop Attended: 07

1. International Workshop on “NANO ELECTRONICS (IEEE Electron Device Chapter Madras)” at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 30.12.2011.
2. “Need Based Approach for Effective Teaching” at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 21.06.2011.
3. National Workshop on “Advanced Trends in Communication Techniques” at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 08.10.2013.
4. Two Week ISTE Workshop on “Analog Electronics” by IIT Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 04.06.2013 to 14.06.2013.
5. Two Days Workshop on “Graphical System Design Using LABVIEW” associated with NI ,Bangalore at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 19.02.2013 & 20.02.2013.
6. Two Week ISTE Workshop on “Signals and Systems” by IIT Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore – 641010 on 02.01.2014 to 12.01.2014.
7. “VLSI Back-End System Design Using Microwind” at Sri Krishna College of Technology, Coimbatore on 06.01.2014.

Ph.D., Guidance / Supervisorship:

Name of Scholar	Course	Area of Research	Status
NIL			

Guest Lectures Delivered:

Topic	Institution	Date(s)
NIL		

Membership in Professional Bodies: 01

1. Life member of ISTE (Indian Society of Technical Education)

Membership Number: LM 98138

Contributions to the Institution, Department and Society:

1. One of the Auditing Member for auditing books in the Main Library at Sri Ramakrishna Institute of Technology since 2008.
2. Acted as University Practical Time Table In charge during the year (2010 – 2011) & (2014 – 2015) for ECE Department.
3. Acted as EMS Coordinator during the year (2008 – 2010) for ECE Department.
4. Acted as Senior Tutor for 2010-14 Batch for ECE Department.
5. Acted as Second Tutor for (2008-12) & (2013-17) Batch for ECE Department.
6. Acting as Second Tutor for (2013-17) Batch for ECE Department.
7. Acting as Placement Coordinator in the year (2015-16) for ECE Department.
8. Acting as Anti Ragging Committee member in Sri Ramakrishna Institute of Technology in the year 2015 – 2016.

Awards and Recognitions: NIL