FACULTY PROFILE

Name : Pandiyan.P
Designation : Assistant Professor
Email ID : pandiyan.eee@srit.org
Area of Specialization : MEMS based logic devices
Total Experience : Academic : 5 Years and 7 Months

Industry : Nil

Educational Qualification:

Degree	Branch / Specialization	College	University
PhD (Pursuing)	Instrumentation and Control Engineering	National Institute of Technology,Trichy	National Institute of Technology, Trichy
M.Tech	VLSI Design	Sathyabama University,Chennai	Sathyabama University, Chennai
B.E.	Electrical and Electronics Engineering	Arulmigu Kalasalingam College of Engineering, Krishnan koil.	Anna University

Experience Details:

S.No	Institution	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology	Assistant Professor	09.06.2014	-	1 year 8 Months
2	RV College of Engineering	Assistant Professor	11.09.2013	05.06.2014	9 Months
3	Aarupadai Veedu Institute of Technology	Lecturer	01.07.2010	12.11.2010	4 Months
4	Sri Balaji Polytechnic college	Lecturer	25.06.2007	01.05.2010	2 Years 10 Months
Total (as on Feb 2016)					5 Years 7 Months

Publications :

International Conferences:

- **Pandiyan P,** Uma G, Umapathy M**,** Y.Sujan **,** **"Design and Simulation of chevron type MEMS digital to analog converters ",** International Conference on MEMS and Sensors(ICMEMSS 2014), December 18-20, 2014, IIT, Madras, India.

- **Pandiyan P,** Uma G, Umapathy M**, "Design and Simulation of 3- bit MEMS Electro Thermal - Compliant Actuator based Analog to Digital Converter",** ISSS International Conference on Smart Materials, Structures and Systems, July 08-11, 2014, IISc, Bangalore, India.

- **Pandiyan P**, Uma G, Umapathy M, "**Sensitivity improvement of resonant mass sensor with PID controller** ", IEEE Techsym'2014, Feb-28 to Mar-2,2014,IIT-Kharagpur,India.

- **Pandiyan P**, Uma G, Umapathy M, "**Design Of Logic Gates Using Laterally-Actuated Double-Gate NEMS**" 9th International Workshop on Nanomechanical Sensing 2012(NMC-2012), June 6th to June 8th 2012, IIT-Bombay, Mumbai, India.

- **Pandiyan P**, Ravi T, "**Fault Tolerant Reversible Logic Synthesis of Multiplexer Based Full Adder and Multipliers**" International Conference on Advances in Information, Communication Technology and VLSI Design (ICAICV – 2010), August 6th -7th 2010, PSG College of Technology, Coimbatore, India.

National Conferences:

- **Pandiyan P**, Ravi T, "**Novel Fault Tolerant Multiplier**" National Conference on Signal Processing Communications and VLSI Design (NCSCV'10),7th- 8th,May-2010, Anna University, Coimbatore, India.

- **Pandiyan P**, Ravi T, "**An Efficient design of Shift Register using Fault Tolerant Reversible Logic**" National level conference on Embedded Microwave & Integrated Technologies (EMIT'10), 12th March-2010, Saveetha Engineering College, Chennai.

Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	One week Workshop on Energy Management & Energy Audit	20th -24th January, 2014	National Level as Workshop Coordinator

Conference Attended:

S.NO.	Organizing Institution	Venue	Title	Date(s)
1	IIT, Madras.	IIT, Madras.	International Conference on MEMS and Sensors.	Dec '18 - 20, 2014
2	IISc, Bangalore.	IISc, Bangalore.	ISSS International Conference on Smart Materials, Structures and Systems.	July 08-11, 2014
3	IIT-Kharagpur.	IIT-Kharagpur.	IEEE Techsym'2014.	Feb-28 to Mar-2,2014
4	IIT-Bombay.	IIT-Bombay.	9th International Workshop on Nanomechanical Sensing 2012.	Jun' $6 - 8$, 2012
5	IISc, Bangalore.	IISc, Bangalore.	6th International Conference on Smart Materials Structures and Systems	Jan' $4 - 7$, 2012
6	PSG College of Technology, Coimbatore.	PSG College of Technology, Coimbatore.	International Conference on Advances in Information, Communication Technology and VLSI Design.	Aug' 6 - 7 2010
7	Anna University, Coimbatore.	Anna University, Coimbatore.	National Conference on Signal Processing Communications and VLSI Design.	May '7-8, 2010
8	Saveetha Engineering College, Chennai.	Saveetha Engineering College, Chennai.	National level conference on Embedded Microwave & Integrated Technologies.	Mar' 12 - 2010

Workshop Attended:

S.NO.	Organizing Institution	Venue	Title	Date(s)
1	Anna university	Madras Institute of Technology, Chennai.	FDP on Embedded Systems	30.11.2015 & 01.12.2015 16.12.2015 to 20.12.2015
2	ENNTUPLE Technologies	PSG College of Technology, Coimbatore	Didactic seminar on Cadence OrCAD PSPICE and OrCAD PCB	24th Jun'2015
3	IIT, Bombay, India.	Sri Ramakrishna Institute of Technology, Coimbatore.	2-weeks workshop on Control systems.	2nd -12th Dec' 2014
4	RV College of Engineering, Bangalore.	RV College of Engineering, Bangalore.	3-day Workshop on Synthesis & Characterization of Thin Films and Nano-materials.	12th – 1^{4th} Feb'2014
5	RV College of Engineering, Bangalore.	RV College of Engineering, Bangalore.	2-day Workshop on Sustainable Solutions for E-Waste Management.	20th & 28th Sep'2013
6	RV College of Engineering, Bangalore.	RV College of Engineering, Bangalore.	3-day Workshop on Vacuum Technology for Green Industry.	2nd -4th Dec' 2013
7	IIT Bombay, Mumbai.	IIT Bombay, Mumbai.	15th INUP Hands-on Training Workshop on Nanofabrication Technologies.	Jan 28 – Feb 1, 2013
8	Thiagarajar College of Engineering, Madurai.	Thiagarajar College of Engineering , Madurai.	National workshop on Micro Electro Mechanical Systems.	1st -2nd Nov' 2012
9	IIT Bombay, Mumbai.	IIT Bombay, Mumbai.	7th INUP Familiarization Workshop on Nanofabrication Technologies	Jun 4 – 5, 2012
10	IISc, Bangalore	IISc, Bangalore	Hands on SOI –MUMPs Training workshop in CeNSE and NPMASS	Jun17- 18 , 2011

Membership in Professional Bodies:

IAENG

Contributions to the Institution, Department and Society:

1. Ardiuno and TINA workshop Coordinator

2. Department Industrial Visit Coordinator

3. Department Library Inchrarge

4. Department Coordinator for Anna University Affiliation