

Faculty Profile

1. Name : Sasikumar. M
2. Designation : Assistant Professor
3. Date of Joining : 07.12.2009
4. Nature of Association : Regular
5. E mail :
sasikumarm@ksrct.ac.in
6. Mobile no. : +91 9965167895



7. Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
M.E(Applied Electronics)	Bannari Amman Institute of Technology Tamilnadu, India.	May 2008	80	First class with Distinction
B.E. (EEE)	M.P.Nachimuthu M.Jaganathan Engineering College, Tamilnadu ,India.	April 2006	62.15	First class with Distinction
H.S.C.	Sri Ramakrishna Mission Vidhalaya, Coimbatore	April 2002	82.33	First
S.S.L.C.	Pallipalayam Public Matriculation Higher Secondary School, Erode	March 2000	74.0	First

8. Teaching Experience

- **Assistant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 07.12.2009 to till-date.

9. Projects

Under Graduate

- **Title:** "Impedance Source Inverter for AC Motor Drives"

Post Graduate

- **Title:** "Reduction Of Shift And Capture Power In Scan Testing"

10. Publications

International Journals

1. Paramasivam K & **Sasikumar M** 2017, 'Vibration Based Energy Harvesting Device Using NdFeB Magnet and its New Power Converter Circuit with Feedback Controller', Journal of Computational and Theoretical Nanoscience, vol.14, no.7, pp.3589-3595.
2. **Sasikumar M** & Paramasivam K 2016, 'Optimal placement of piezoelectric patches on cantilever Beam for voltage generation: Experimental Study', Asian Journal of Research in social sciences and Humanities, Vol.6, No.10, pp.510-523.

International Conferences

1. **M.Sasikumar**, "A New Actuator to control the energy input for compensating Drop Governor", E.G.S Pillay Engineering College Nagapattinam-611002, Tamilnadu, India, *15 Feb 2011*
2. **M.Sasikumar**, "Energy Harvesting from electromagnetic vibration with efficient electronic circuits", Aishwarya college of Engineering and technology, Bhavani, Tamilnadu, India, *24 March 2014*

National Conferences

1. M.Sasikumar, Reduction of shift and capture power during scan testing in VLSI circuits, *National Conference on Signal, Systems and Security (NSSS 2008)*, Department of ECE, Bannari Amman Institute of Technology Tamilnadu, India.

11. Fellowships

- High school scholarship by Government of TamilNadu.

12. Summer Training Programmes

- Attended one day workshop on "Educational Utilization of Standards" BUREAU OF INDIAN STANDARDS (BIS), Sri Ramakrishna Institute of Technology, Coimbatore. on 14th March 2006.
- Attended two days workshop on "Recent Trends in VLSI Design and Softcomputing Techniques" Bannari Amman Institute of Technology Tamilnadu, India 06th & 07th 2006.
- Attended FIVE days FDP on "LabVIEW with hands on training" ICT Academy of Tamilnadu, India 11th to 15th 2010.
- Attended Two days Seminar on "MEMS Design Using COMSOL Multi physics CAD Tool" Under NPMAS Dept., of ECE, Thiagarajar College of Engineering, Madurai 19th & 20th Aug '11.
- Attended Two days Seminar on "Advanced Applications of Polymer Nanocomposites in Aerospace & Defence Industry" CSIR, K.S.Rangasamy College of Technology Tiruchengode. 20th & 21st Jan '12.

- Attended Two days Workshop on “MEMS Technology & its Applications” Under NPMASS, Dept., of ECE, Rajalakshmi Engineering College, Chennai, Tamilnadu, India 28th & 29th March ’12.
- Attended Forteen days FDP on “Facilitating Teaching –Learning and Communication Skills among Engineering Faculty for Effective Classroom Instruction” Department of Humanities/English, PSG College of Technology, Coimbatore, Tamilnadu, India 16th to 29th April 2012.
- Attended FIVE days FDP on “Smart Materials & Systems” Dept., of ICE, NIT, Tiruchy, Tamilnadu, India 11th to 15th June ’12.
- Attended Two days Workshop on “Micro Electro Mechanical Systems” Under NPMASS Dept., of ECE, Thiagarajar College of Engineering, Madurai Tamilnadu, India 01st & 02nd Nov 2012.
- Attended one day Workshop on “Computer Aided Engineering Simulation Using COMSOL” School of Mechanical and Building Sciences, VIT-Chennai. 13th September 2013.
- Attended Two days Workshop on “Research Methods and LaTeX” Department of ECE, NIT, Tiruchirappalli 20 & 21st September 2013.
- Attended Two days Workshop on “Graphical System Design Using LabVIEW” Department of Mechatronics Engineering, K.S. Rangasamy College of Technology 25th & 26th Feb 2014.
- Attended one day Workshop on “Recent Trends in Automechatronics” Department of Mechatronics Engineering, K.S. Rangasamy College of Technology 18th Feb 2014.
- Attended one day Workshop on “Author Workshop” Springer and Anna University, Chennai 17th March 2015.
- Attended one day Workshop on “Author Workshop on Book/Journal Publishing” Elsevier Research Solutions in association with University Library, Anna University, CEG Campus 24th Sep. 2014.
- Attended Six days STTP on “Introduction to Smart Materials with Energy Harvesting Applications” Centre for Continuing Education & Department of Applied Mechanics Indian Institute of Technology Madras Chennai – 600036 02 – 07 September 2018.
- Attended one day FDP on “Design of renewable energy systems” Department of electrical and electronics engineering, college of engineering, guindy, chennai-600025, 22 mar 2019.

13. Funds Received to Organize the Seminar

- Received Grants-in-aid Rs. 30,000/- from Indian Council of Medical Reserach (ICMR), New Delhi to conduct the two days national seminar on “Industrial ergonomics” on 09-10th September 2014 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215.

14. Invited Lecture Delivered

-

15. Membership in Professional Bodies

- **Life Member**, Indian Society of Technical Education (ISTE), New Delhi – LM 64135.
- **Member (Life Member)** in Institute of Smart Structures and Systems (ISSS), Bangalore– LM 443.

16. **Awards and Recognitions**

- Received Best Paper Award 2008 for my project work presentation in NCSS-2008 on 12.02.2008

17. **Research Activities**

- **Area of Expertise/Research Interests**
 - Energy harvesting from Smart Materials
 - Power converter circuits for low energy harvester.

18. **Abroad Visit : -**

19. **Personal Details**

Fathers Name : A.Muthusamy

Date of Birth & Age : 28.12.1984 & 34 Years

Gender : Male

Marital Status : Single

Permanent Address : **1/78, Odapalli,**
Pannakadu,
Cauvery R.S(Post),
Namakkal – 638 007,
Tamilnadu, India.