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SAI RAM INSTITUTE OF TECHNOLOGY

An ISO 9001 : 2008 Certified Institution

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : Ms. G. Valarmathi

Designation : Assistant Professor

Email : valarmathi.ece@sairamit.edu.in

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

Specialization : Medical electronics

Research Interest : Image Processing

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	Indian Society for Technical Education, IAENG
Publications	National :
	International:02
	Book :
Achievements	<ul style="list-style-type: none"> • Obtained Gold Medal in ME Medical Electronics • Obtained 100% result in Medical Electronics.
Any Other Information	<ul style="list-style-type: none"> • ISO Coordinator for college • Got Elite in NPTEL exam for the course Finite Element Analysis-I

List of Publications:-

1. International Journals:

1.K.Kalaivani, Dr.R. Shivkumar, Valarmathi.G. , ‘PERFORMANCE EVALUATION OF KEY MANAGEMENT TECHNIQUES FOR REAL TIME HEALTH CARE ‘,

International Journal of Applied Engineering Research (ISSN: 0973 – 4562), vol. 10, no. 75, pp. 17-22. (Annexure II).

2. WAY FINDING AND CURRENCY DETECTION FOR VISUALLY IMPAIRED PERSONS in “INTERNATIONAL JOURNAL OF ADVANCED RESEARCH METHODOLOGY IN ENGINEERING & TECHNOLOGY” in ISBN 978-1-63535-324-2 EAN 52000 SPECIAL ISSUE, MARCH 2017, PG NO:31-36, on 17th march.

3. “EFFICIENT ENERGY AND RADIATION MANAGEMENT IN WIRELESS NETWORKS” IN 2017 4th International Conference on Advanced Computing and Communication Systems (ICACCS) ON 6-7 Jan. 2017 **ISBN Information:**

INSPEC Accession Number: 17136994

DOI: 10.1109/ICACCS.2017.8014726

4. “DESIGN OF LIGHTWEIGHT COMPLIANT FOR STROKE PATIENTS” in International Journal Of Advanced Research in Science and Engineering-IJARSE (ISSN: 2319-8354) Volume No.07, Special Issue No. (02), March 2018, ICAETS-18

Workshop / Conferences / FDP Attended:-

1. Attended three days FDP on “Modern Teaching Competencies for Faculty Members” on 21-23 April 2003 at Sri Krishna College of Engineering and Technology, Coimbatore.
2. Attended Three days FDP on “Self Development Programme” on 2,3,4, April 2001 at Sri Sri Krishna College of Engineering and Technology, Coimbatore.
3. Attended two days FDP on 4th & 5th August 2000 at PSG College of Technology, Coimbatore.
4. Attended FDP on “Advanced VLSI Design Systems and its Applications” from 3rd May 2011 to 17 may 2011 at Karpagam college of Engineering , Coimbatore
5. Attended Two day National Level Workshop on ”Emerging Technologies and applications in DSP” on 9th & 10th February 2011 at Karpagam College of Engineering. Coimbatore
6. Attended one day seminar on “Recent Research Avenues in Signal Processing and Control Systems” on 16 December 2010 at Karpagam College of Engineering. Coimbatore.
7. Attended Workshop on “Recent trends in renewable energy “ on March-31-2015 at Sri Sairam Institute of technology, Chennai

8. Attended Faculty Enablement programme on “ A Step to outcome based Accreditation “ on 4th April 2015 at Sri SaiRam Institute of Technology, Chennai
9. Attended one day Seminar on “MATLAB for Image and signal processing “ on 25th april 2015 at VIT Campus, Chennai.
10. Attended One day FDP on “Creativity & Innovation “ on 5th September -2013 at CTS , Chennai.
11. Attended one day workshop for “How to write Research papers for referred journals” on 24 January 2015 at Sri SaiRam Institute of Technology, Chennai
12. Attended workshop on ‘Emerging trends and future perspective in image processing and computer vision” at Sri Sairam Engineering college on 22 & 23 September 2015.
13. Attended One day FDP on “Electromagnetic Field theory & transmission lines” on 25 & 26 June 2016 at Sri SaiRam Institute of Technology, Chennai
14. Attended 7 days FDP on EC6702-Optical Communication , from May 31 to June 6 of 2017 conducted by Anna University at Sri SaiRam Engineering College ,Chennai.
15. Attended FDP on two days on “ Modern Teaching and learning methodologies for competency development “ On 3 and 4 of may 2017at Jeppiar Mammalan Institute of Engineering college, Sriperumpudhur.
16. Attended ISO Training on 11 December 2013, At Sri Sairam Institute of Technology,Chennai.
17. Attended Quality management System and Audit training on 23 April -2018 At Sri Sairam Institute of Technology,Chennai.
18. Attended AICTE and ISTE sponsored 6 days workshop on Modern Pedagogy for Engineering teachers in making Digital India from 21.05.2018 to 26.05.2018 At Sri Sairam Institute of Technology,Chennai.

International Conference

1. G.Valarmathi, & S.D. Nirmala Devi , 2006, “ “Improved K-Means Algorithm for Vascular Network Detection” at ISCO-2006, on August 9-11 , 2006 at Karpagam College of Engineering. Coimbatore.
2. “EFFICEIENT ENERGY AND RADIATION MANAGEMENT IN WIRELESS NETWORKS” in INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING AND COMMUNICATION SYSTEMS-ICACCS-17’ on 6 &7 Jan 2017 at Sri Eshwar College of Engineering, Coimbatore, India.

3. 'Industrial Parameter Monitoring System using PLCC ' in International conference on Innovation and Emerging Trends in Engineering And Technology at Panimalar Institute of Technology on 9 and 10 March 2018.
4. "DESIGN OF LIGHTWEIGHT COMPLIANT FOR STROKE PATIENTS" International Conference on Advancements Engineering technology and Sciences at Dhanish Ahamed College of engineering 16 & 17 MARCH 2018.

National Conference

1. Presented a paper on "COMPARATIVE ANALYSIS OF BIT ERROR RATE OF MULTIPLE INPUT MULTIPLE OUTPUT TRANSMISSION SCHEMES " in the national conference on communication technology intervention for rural and social development (NCCTIRD-12) on February 6 & 7 2012 at Sri Krishna College of Engineering and Technology, Coimbatore.

2. Presented a paper on "WAY FINDING AND CURRENCY DETECTION FOR VISUALLY IMPAIRED PERSONS" at National conference on Information And Communication Engineering at Sri SaiRam Institute of technology, Chennai.

3. Presented a paper on "DIGITAL ART FOR A SMARTER ENVIRONMENT" at PURE EMPHATIC RESEARCH INNOVATIONS IN SCIENCE AND ENGINEERING PERISE'16 on 07.04.2016 at Peri Engineering college , Chennai.

4. Presented a paper on "A WIRELESS COMMUNICATION SYSTEM FOR SUBMARINES USING A SEA WATER MONOPOLE ANTENNA" AT PURE EMPHATIC RESEARCH INNOVATIONS IN SCIENCE AND ENGINEERING PERISE'16 on 07.04.2016 at Peri Engineering college , Chennai.

5. Presented a paper on "INDUSTRY TEMPERATURE MONITORING SYSTEM USING PLCC" at Advanced Research and Innovations in Information and Communication Engineering (ARICE-17)at Sri Sairam Institute of Technology, Chennai.

6. Presented a paper on" COMPARATIVE ANALYSIS FOR VARIOUS ORTHOSIS" at Advanced Research and Innovations in Information and Communication Engineering (ARICE-17)at Sri Sairam Institute of Technology, Chennai.

Workshop / Conferences / FDP Organized:-

1. Organised a three days programme on "ENTREPRENEURSHIP DEVELOPMENT PROGRAMME "on July 25-July 27 of 2016 at Sri Sairam Institute of technology , Chennai for Third year ECE students.

2. Organised Two Days FDP on “INTERNET OF THINGS “ on 24/1/2018 and 25/1/2018 at 2016 at Sri Sairam Institute of technology , Chennai in Association with ICT Academy.