DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name	:	Dr. G. Valarmathi
Designation	:	Associate Professor
Email	:	valarmathi.ece@sairamit.edu.in
Qualification	:	Ph.D
Specialization	:	Medical electronics
Research Interest	:	Image Processing

Experience in years : **Teaching** UG | 14.5 | PG | | **Industry** | |

No. of Workshop/Conferences/ FDP attended : Workshop | 7 | Conferences | 6 | FDP | 9 |

No. of Workshop/Conferences/ FDP Organized : Workshop | 1 | Conferences | | FDP | |

Professional Membership	**Indian Society for Technical Education**
Publications	National :
	International:
	Book :
Research Funded Projects	
Patents	
Achievements	**Obtained Gold Medal in ME Medical Electronics**

Any Other Information	ISO Coordinator for college

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.

List of Patent :

1.

2.

3.

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 5th 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 Engineering College , 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 " 0n 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.

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.

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.

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.