DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name	:	K. Sivasankari
Designation	:	AP – III Date of Joining: 01.06.2012
Email	:	sivasankari.ece@sairamit.edu.in
Qualification	:	M. E
Specialization	:	Wireless technologies
Research Interest	:	Digital Image Processing

Experience in years : **Teaching** UG | 6 | PG | - | **Industry** | 2.4 |

No. of Workshop/Conferences/ FDP attended : Workshop | 6 | Conferences | 9 | FDP | 8 |

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

Professional Membership	IAEng (205261)
Publications	National : -
	International: 3
	Book : -
Research Funded Projects	-
Patents	-
Achievements	• Obtained 100% result in Wireless Communication (EC6801) • Obtained 100% result in Cognitive radio (EC6014)
Any Other Information	• Successfully completed an NPTEL course Outcome based Pedagogic Principles for Effective Teaching

Journal Publications

1. "Microcontroller Based Anesthesia Injection Setup for Complex Surgeries" has been published in the International Journal of Science and Innovative Engineering & Technology, May Issue, Volume 1, ISBN No. 978-81-923607-3-7.

2. "Efficient Energy and Radiation Management in Wireless Networks" has been published in IEEE Explore, 24th August 2017, DOI: 10.1109/ICACCS.2017.8014726, ISBN: 978-1-5090-4559-4.

3. "A Novel Statistical Approach on Hybrid High Resolution Image Fusion Techniques ", at International Journal of Applied Engineering Research, vol.10, No. 75, Pg. No. 130 –135, ISSN. No – 09734562 (Annexure - II).

Workshop / Conferences / FDP Attended:-

1. "Wavelet and Sparse Signal Representation – Research Focus" on September 2011 at Thiagarajar College of Engineering, Madurai.

2. "Emerging Trends and Future Perspective in Image Processing and Computer Vision" on 22nd & 23rd September, 2015 at Sairam Institute of Technology.

3. "How to write Research Papers for Refereed Journals" on 24th January 2015 at Sairam Institute of Technology.

4. "Digital Image Processing" on February 2005 at Kamaraj College of Engineering and Technology, Virudhunagar.

5. "Digital Signal Processing" on July 2005 at Kamaraj College of Engineering and Technology, Virudhunagar.

6. Attended one day Workshop on "REDHAT (open source) Technology & Industrial Adaptation", held during 2nd March 2018 at SSIT, Chennai

FDP:

1. "Electromagnetic Theory and Transmission lines" on 25th and 26th June 2015 at Sairam Institute of Technology.

2. "Computer Networks" on 6th to 13th January 2016 at Sairam Institute of Technology.

3. "Modern Teaching and Learning Methodologies for Competency Development" on 3rd and 4th May 2017 at Jeppiar Maamallan Engineering College".

4. "Digital Image Processing, RF & Embedded System" on 20th to 22nd June 2017 at Sree Sastha Institute of Technology.

5. "Crypt Analysis & Internet Security" on 27th and 29th 2016 at Sri Sairam Institute of Technology.

6. "Teaching Excellence in Engineering & Management Curriculam" on 20th and 21st June 2016 at Sri Sairam Engineering College.

7. "Engineering & Management Teaching Strategies for Excellence" on 29th and 30th December, 2014 at Sri Sairam Engineering College.

8. "Effective Coding Skills" on 28th May 2016 at Cognizant Technology Solutions.

International Conference

1. "Microcontroller Based Anesthesia Injection Setup for Complex Surgeries" has been in published the International Conference on Contemporary Engineering and Technology – 2018" on 10th and 11th March 2018 at Prince Shri Vengateshwara Padmavathy Engineering College.

2. "Efficient Energy and Radiation Management in Wireless Networks" has been published in the International Conference on Advanced Computing & Communication Systems on 6th and 7th January 2017 at Sri Eshwar College of Engineering.

3. "A Novel Statistical Approach on Hybrid High Resolution Image Fusion Techniques" on August 13th & 14th, 2015 at Sairam Institute of Technology.

4. "Design of Automated Visual Inspection System" on December 2005 at Bannari Amman Institute of Technology, Sathyamangalam.

National Conference

1. "IoT Based Online Examination Monitoring System", in the National Conference on Information and Communication Engineering on 21st April 2017 at Sri Sairam Institute of Technology.

2. "Microcontroller Based Anesthesia Injection Setup for Complex Surgeries" has been published in National Conference on Advanced Research and Innovations in Information and Communication Engineering on 7th March 2018 at Sri Sairam Institute of Technology.

3. "Rotation invariant Classification using Three Image Based Photometric Stereo for Non Lambertian Surfaces" has been published in the Proceedings of National Conference held on February 2008 at SAINTGITS College of Engineering, Kottayam.

4. "Performance of Wavelets on Different Images in Image Compression using Set Partitioning in Hierarchical Trees" on 2006 at Kamaraj College of Engineering and Technology, Virudhunagar.

5. "Highlight Detection and Removal in Texture images using Photometric Stereo Method" in May 2008 at College of Engineering, Anna University, Chennai.