

Profile



Name: Dr. S. R. SUREM SAMUEL

Designation: ASSISTANT PROFESSOR

Qualification: BE, ME, Ph.D.

He obtained **BE degree from CSI INSTITUTE OF TECHNOLOGY** with **FIRST class** and **ME degree from ANNAMALAI UNIVERSITY** with **FIRST class**. He had completed his research in **Text Segmentation and Recognition in natural scene images using GLCM and FOS feature Descriptor from Anna University, Chennai**

His Area of interest is image Processing and Signal Processing . He Joined this Institute on 27/07/2009 and having more than 16 years of teaching Experience. He is the Life Member of ISTE.

Conference:

1. Presented a paper titled “Enhanced Approach To Segment Text from Natural Scenarios” in International Conference on Novel Issues and Challenges in Science and Engineering, NICSE’16, at Noorul Islam University, on 28th & 29th July, 2016.
2. Presented a paper titled “A Novel Approach to IDS using Layered Mutual Information Feature Extracted CRF” in International Conference on Novel Issues and Challenges in Science and Engineering, NICSE’16, at Noorul Islam University, on 28th & 29th July, 2016.
3. Presented a paper titled “Classifier Based Scene Text Detection in Natural Images” in National Conference on Emerging Trends in Applied Science & Technology at Noorul Islam University, on 18th March, 2015.
4. Presented a paper titled “A Hybrid Segmentation and Recognition of Noisy Web Images using Active Model Segmentation Algorithm” in National Conference on Emerging Trends in Applied Science & Technology at Noorul Islam University, on 18th March, 2015.
5. Presented a paper titled “Traffic Sign Detection & Panel Recognition Based on Visual Appearance from Scene Text Imagery” in National Conference on Emerging Trends in Applied Science & Technology at Noorul Islam University, on 18th March, 2015.

6. Presented a paper titled “Comparative study of Text Extraction System With Classification”, in the International Conference on Modeling, Optimization and Computing at Noorul Islam University, on 10th & 11th April, 2014.
7. Presented a paper titled “Efficient Approach to Detect and Localize text in Natural Scene Images” in Springer International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering Systems at Noorul Islam University, on 22nd & 23rd April, 2014.
8. Presented a paper titled “Novel Technique used for Integrated Power Electronics Interface in Battery Operated Electric Vehicles” in International Conference on Communication, VLSI and Signal Processing (ICCVSP’14), at The Indian Engineering College, on 14th & 15th March, 2014.
9. Presented a paper titled “An Efficient Approach to detect and localize license plate in Vehicle Images” in National Conference on Research and Applications of Information Technology, NCRAIT’13, at SCAD College of Engineering and Technology, on 13th March. 2013.
10. Presented a paper titled “Effective Use of data mining in Intrusion Detection System” in “National Conference on Crypt Analysis Techniques in Computer Hacking, Catch’11” at Einstein College of Engineering on 18th and 19th March, 2011.
11. Presented a paper titled “An Efficient Approach to detect and localize license plate in Vehicle Images” in International Conference on Emerging Marvels in Information and Computer Science Engineering, EMICS’13 at Maria College of Engineering and Technology, on 15th & 16th March, 2013.

Journals:

- [1] S.R. Surem Samuel and C. Seldev Christopher, “Efficient Approach to Detect and Localize Text in Natural Scene Images”, *Advances in Intelligent and Soft Computing*, Springer 2015, pp 605-613.
- [2] S.R. Surem Samuel and C. Seldev Christopher, “Comparative Study of Text Extraction System with Classification”, *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 9 No.26 (2014) pp. 9206-9208 .

- [3] S. Vinila Jinny, J. Jaya Kumari, S. R. Surem Samuel, "A Novel Approach to IDS using Layered Mutual Information Feature Extracted CRF", *International Journal of Control Theory and Applications*, 10(27),193-201. 2016.
- [4] J. Antony Terancy, S. R. Surem Samuel, " Multi-Spectral Fusion for Laplacian-Wavelet based scene Text Detection in Video Images", *International Journal of Advanced Research in Biology Engineering Science and Technology*, Vol. 2, Issue 5 May 2016.
- [5] S.R. Surem Samuel and C. Seldev Christopher, S. Vinila Jinny," Automatic Text Segmentation and Recognition in Natural Scene Images using MSOCR", *Current Signal Transduction Therapy*, 14(1), 1-15.