FACULTY PROFILE

Name   : S. Natheldha Mary Navina
Designation   : Assistant Professor
Email ID   : navina.it@srit.org

Area of Specialization   :Image Processing

Total Experience   : 9Yrs 4 Months   Academic : 9 Yrs 4 Months

                                                       Industry   :   --

Educational Qualification:

Degree	Branch / Specialization	College	University
M.E	Computer Science and Engineering	Karunya University	Karunya University
B.E	Information Technology	Francis Xavier Engineering College	MS University

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	**To**	
1	Karunya University	Assistant Professor	**21-11-2006**	**2-5-2013**	6 Yrs 5 Months
2	SRIT	Assistant Professor	**6-5-2013**	**Till date**	2 yrs 9 months
Total (as on Feb 2016)					**9 Years 4 Months**

Publications   :

Journals   :

1. S. Natheldha Mary Navina, et al., "An Efficient Image Denoising using Moore Neighborhood Based Mirrored CA and IRNPR", International Journal of Advanced Research in Electronics and Communication Engineering, November 2015, Volume 4, Issue 11, pp. 2798 - 2805.

2. S. Natheldha Mary Navina, et al., "A new Algorithm for the Detection and Removal of Impulse Noise using Cellular Automata", International Journal of Advanced Research in Electronics and Communication Engineering, February 2013, Volume 2, Issue 2, pp. 407 - 410.

3. S. Natheldha Mary Navina, et al., "Cellular Automata based Denoising and Fuzzy Logic based edge detection", International Journal Of Advanced Research in Electronics and Communication Engineering, February 2013, Volume 2, Issue 2, pp. 187 - 193.

4. S. Natheldha Mary Navina, et al., "Survey on various Denoising Techniques using Cellular Automata", International Journal Of Advanced Research in Electronics and Communication Engineering, December 2012, Volume 1 Issue 6, pp. 11-14.

5. S. Natheldha Mary Navina, et al., "A Survey of Non Local Means Algorithm", International Journal of Engineering Research and Technology, December 2012, Vol. 1, Issue 10.

6. S. Natheldha Mary Navina, et al., "A Survey on image Denoising", International Journal of Engineering Research and Applications, vol. 3, Issue 1, Jan – Feb 2013.

7. S. Natheldha Mary Navina, et al., "Image Segmentation Using GrabCut based on Anisotropic Diffusion" International Journal on Computer Science and Engineering, Vol. 3, No. 3, pp.1037 – 1311, March 2011.

International Conferences:

1. S. Natheldha Mary Navina, et al., "Enhancing NLM Algorithm with CRS", International Conference on Computer Science and Information Technology, 17th February 2013.

2. S. Natheldha Mary Navina, et al., "Impulse Noise Reduction from Images Using Cellular Automata", International conference on Innovation in Communication, Information and Computing, January 9-11, 2013.

National Conferences:

1. S. Natheldha Mary Navina, et al., "Quarantine Region Scheme with Efficient Key Exchange to mitigate Spam Attacks in Wireless Sensor Networks" National Conference on Information Technology, February 8-9, 2008.

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	seminar on Digital Image Processing and its Applications	3-3-2015, SRIT	National

Seminar, Conference, Workshop Attended:

1. Mission 10X Workshop, 25th April 2011 to 29th April 2011, Karunya University.

2. National level one day workshop on Intellectual Property Rights (IPR), 3rd Dec 2010, Karunya University.

3. Workshop on Business Intelligence and Data Warehousing – An Industrial Perspective, 3-4 March 2011, Karunya University.

4. Two days hands on workshop on Optimization Techniques for Image Processing, 9-10 March 2012, Bharathiar University.

5. One day national level seminar on "Research Methodologies in Information and Communication Technology", 01-03-2014, Sri Ramakrishna Institute of Technology.

6. Two week ISTE workshop on Cyber Security by IIT Bombay, 10th to 20th July 2014, Sri Ramakrishna Institute of Technology

7. One day workshop on Linux Administration and Kernel Programming, 13-2-2015, Sri Ramakrishna Institute of Technology

8. 6 days STTP on Technical Communication by IITB. 30th Nov – 5th Dec 2015 at SRIT.

Membership in Professional Bodies:

1. CSI –Life Member

Contributions to the Institution, Department and Society:

1. Department Project Coordinator