




K. S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Road, Bangalore-560109.

Faculty Name	P Joy Prabhakaran	
Designation	Professor	
Educational Qualification	PhD	
Experience in Years	Teaching: 10 Industry : 22	
Areas of Interest	Video and Image processing/analytics.	
E-mail	joy.prabhakaran@ksit.edu.in	

Educational Details

Examination/ Degree	College / University	Year of Passing
UG	IIT Kharagpur	1988
PG	Michigan Technological University	1989
PhD	IIT – Bangalore	2018

Publications

Journal Publications:

1. **A Non-Linear Method to Interpolate Binary Images Using Location and Neighborhood Adaptive Rules, International Journal on Advances in Software, Vol. 10, 2017.**

Conference Papers:

1. **Enhanced Hierarchical Multi-Resolution Imaging, 40th ISAT international conference, Wroclaw - Poland 2019.**
2. **A Novel Location and Neighborhood Adaptive Method for Binary Image Interpolation, SIGNAL 2017, The Second International Conference on Advances in Signal, Image and Video Processing - Barcelona, 2017.**
3. **A new decimation and interpolation algorithm and an efficient lossless compression technique for images, 2015 Twenty First National Conference on Communications (NCC), 2015.**

4. A novel targeted enhancement technique for decimation and interpolation of images, Seventh International Conference on Graphic and Image Processing (ICGIP 2015) - Singapore, Vol. 9817, 2015.

Books/Book Chapters:

- 1. Enhanced Hierarchical Multi-Resolution Imaging, Book chapter in Proceedings of 40th ISAT international conference, Wroclaw - Poland, Published by Springer in 2019.**
- 2. Novel Techniques for Multi-Resolution Imaging, Book published by LAMBERT Academic Publishing in 2019.**

Awards

- 1. Nil**

Professional Membership

- 1. Nil**

Contact Details

Name: P Joy Prabhakaran

Official Address: ECE Dept. KSIT, 14 Kanakapura Rd, Raghuvanahalli, Bangalore 560062

Phone Nos: +91 98800 60979

Alternate Email: joy_prabhakaran@yahoo.com