

PUBLICATIONS

International Journals	International Conference	National Conference
09	04	05

International Journal

1. Sheela. N., L. Basavaraj, “Analysis of Gabor Filter based Features with PCA and GA for the Detection of Drusen in Fundus Images”, Science Publishing Corporation International Journal of Engineering and Technology, 7(1), 115-120, Jan 2018,
2. Sheela. N., L. Basavaraj "Diabetic Macular Edema Detection using Graph Theory and Retinal Layer Features", International Journal of Engineering Trends and Technology (IJETT), V49(6),363-368 July 2017.
3. Dhanushree S, Sheela N, “Processing of Retinal Images for the Detection of Vascular Diseases”, International Journal of Engineering Research & Technology (IJERT). NLPGPS-2017, Vol 5, Issue 21. ISSN: 2278-0181
4. P. Danya, Sheela N, “Retinal Macular Edema Detection Using Optical Coherence Tomography Images”, International Organization of Scientific Research, IOSR Journal of VLSI and Signal Processing, Vol 7, Issue 2, Ver 1, Mar-Apr 2017.
5. Rachana S N and Sheela N Rao. “Detection and Classification of Age Related Macular Degeneration in Retinal Images Using Support Vector Machine Classifier” International Journal for Scientific Research and Development, Vol 3, Issue 4, 2015.
6. Lija George and Sheela N Rao. “Automated Detection of Glaucoma Stages Using Retinal Images” International Journal for Scientific Research and Development, Vol 3, Issue 4, 2015.
7. Sheela N Rao and L. Basavaraj. “Segmentation of Retinal Vasculature in Fundus Images – A Survey”, International Journal on Recent Trends in Engineering and Technology, Association of Computer, Electronics and Electrical Engineers.
8. Sobia Naz and Sheela N Rao. “Glaucoma Detection In Color Fundus Images Using Cup – to – Disc Ratio”, The International Journal of Engineering and Sciences (IJES), Vol – 3, Issue – 6, June 2014.

9. Bhavyashree K. G. and Sheela N. Rao, "Determination And Analysis of Arthritis Using Digital Image Processing Techniques", International Journal of Electrical, Electronics and Data Communication (IJEEDC), Vol – 2, Issue – 9, Sep 2014.

International Conference

1. Sheela N, L.Basavaraj, "Automated Detection of Glaucoma Using Average Thicknesses of the RNFL Quadrants and ANN", International Conference on Current Trends in Engineering, Science and Technology (ICCTEST) held at Don Bosco Institute of Technology, Bengaluru on 5th Jan 2017, Grenze International Journal of Engineering and Technology (GIJET).
2. Sheela N, L.Basavaraj, "Automated Detection of AMD Using Wavelet Transform Based Features", IEEE International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECOT) held at GSSSIETW, Mysuru on 9th and 10th Dec 2016,
3. Harini R, Sheela N, "Feature extraction and classification of retinal images for automated detection of Diabetic Retinopathy" IEEE Second International Conference on Cognitive Computing and Information Processing (CCIP) held at Sri Jayachamarajendra College of Engineering, Mysuru on 12th and 13th August 2016, ISBN (Electronic): 978-1-5090-1025-7,
4. Sheela N Rao and Dr. L. Basavaraj. "Comparison of Retinal Vascular Segmentation Techniques in Fundus Images", 2nd International Conference on Current Trends in Engineering and Management (ICCTEM 2014) held at Vidyavardhaka College of Engineering, Mysore, during 17th – 19th July 2014.

National Conference

1. Sunil C and Sheela N Rao, "Design and Analysis Of 2D Single Axis Capacitive Comb Drive Accelerometer", Second National Conference On Computational Control Systems And Optimization (CCSO 2013) at Dr.AIT, Bangalore, 10TH and 11TH May 2013.
2. Prasanna Kumar and Sheela N Rao, "Design and Analysis Of An Implantable Nanotube Based Sensor For Continuous Blood Pressure Monitoring", Topical Transcend In Mechanical Technology at SJBIT, Bangalore, 4th May 2013.

3. Aneesh Jain and Sheela N Rao, “Three dimensional modeling of RF ablation for Hepatocellular Carcinoma” National conference on communication and soft computing(NCCSC-2012) at KSIT Bangalore, 9th Aug 2012
4. Sangamesh Vandal and Sheela N Rao, “Design and Analysis Of 2D Single Axis Comb Drive Based Micro Accelerometer”, National conference on communication and soft computing (NCCSC-2012) at KSIT, Bangalore, 9th Aug 2012.
5. Navyashree. T. and Sheela N. Rao, “Automated Enhancement and Segmentation of Peripheral Blood Smear Images”, First National Conference on Computational Control System and Optimization CCSO-2011, Dr. AIT, Bangalore, 12 – 13 May 2011.