

Publications

National and International Journals	International Conference	National Conference
09	05	08

National and International Journals

1. Rashmi H., Mallikarjunaswamy M.S., Dinesh R., Shailaja K., ‘Diagnosis of Skin Pathologies using Image Processing Techniques’, Materials Today: Proceedings, 2020 Elsevier (doi.org/10.1016/j.matpr.2020.10.853)
2. Shailaja K, Shrynik Jain M B and Priyadarshini K R, “A 3-lead ECG device using platinum coated titanium electrode for clinical diagnosis: a comprehensive approach”, Journal of Instrument Society of India, Vol. 48, No.1, 2018.
3. Pavana S, Shailaja K, “Diabetes Mellitus Detection Based On Facial Texture Feature Using The GLCM”, International Research Journal of Engineering and Technology, Vol. 4, No.6, June 2017, pp 921-924.
4. Mohammed Ammar khateeb & Shailaja K, “Automatic detection of blood vessels in retinal images using Kirsch’s templates and region growing”, International journal for scientific research and development, Volume 3, July 2015.
5. Shashidhara & Shailaja K, “Biometric Authentication System based on hand vein patterns”, International journal for scientific research and development, Volume 3, July 2015.
6. Lokesh B, Shailaja K & Nanda S, “Segmentation and Classification of Breast Lesions in Ultrasound Images”, International Journal of scientific & Technology Research, Volume 3, Issue 06, June 2014.
7. Nagarjuna M C, Shailaja K, “Three-Dimensional Modeling for Heat Transfer in the Human Brain, While Subjected to Mobile Phone Radiation”, International Journal of Research in Engineering & Advanced Technology, Volume 2 , Issue 3, June-July 2014.
8. Shailaja, K & Umamaheswari B, “Control of transformerless uninterrupted power supply for Unity Power factor and sinusoidal inductor currents”, journal of theoretical and applied information technology” Vol.58, No.3, December 2013.
9. Shailaja K & Umamaheswari B, “Control of transformerless Inverter supplying linear and non-linear loads”, International Journal of electrical engineering, Vol.6, No.3, June 2013.

International Conference

1. Shailaja K, Shrynik Jain M B and Priyadarshini K R, “A 3-Lead ECG Device Using Platinum Coated Titanium Electrode for Clinical Diagnosis:A Comprehensive Approach”, national symposium on Instrumentation, SJCE, Mysuru, 13th – 14th July 2018.
2. Shailaja K, Shrynik Jain M B and Priyadarshini K R, “ Design and Development of Compact 3-Lead ECG Device Using Platinum Coated Titanium Electrode with Reduced Motion Artifacts for Clinical Diagnosis:A Comprehensive Approach”, national conference on Technology innovation, Dr.AIT, Bengaluru, 6th – 7th June 2018.
3. Reeha K.R., Shailaja K.,“Undecimated Complex Wavelet Transform base Bleeding Detection for Endoscopic Images” ,Second International Conference on Cognitive Computing and Information Processing (CCIP), SJCE, 2016.
4. Vamshadeepa , Shailaja K and Nanda S , “Texture Features for Classification of Liver Ultrasonic Images”, International conference on “Current Trends in Engineering and Management ” at Vidyavardhaka College of Engineering, Mysore on 12th and 14th July 2012.
5. Shailaja K, Balaji B, Umamaheswari B, “ Variable gain hysteresis Controller for tight voltage regulation and unity power factor control of a Half Bridge rectifier for wide variation of the input and output voltage” 6th international conference on trends industrial measurements and automation (TIMA-2009), Madras Institute of Technology, Anna University, Chennai, January 4th -6 th 2009.

National Conference

1. Ammar and Shailaja K “Automatic detection of retinal blood vessels using edge operators”, national conference on control system and optimisation (CCSO 2015), Dr.AIT, Bengaluru, 23rd to 24th April 2015.
2. Shashidhara and Shailaja K “Hand „dorsal-vein“ pattern recognition system”, national conference on control system and optimisation (CCSO 2015)” , Dr.AIT, Bengaluru, 23rd to 24th April 2015.
3. Ms Sherin Jaji M, Ms. K. Shailaj “Brain Tumor Segmentation using Fuzzy Clustering”, National conference on Computational Control Systems and Optimization -2013. ISBN 978-93-82338-56-7.Volume 1.May 2013.
4. Harini P and Ms. Shailaja K, “Automated Brain Tumor Segmentation using Fast Implementation of Level Set Method”, National Conference on Computational Control Systems and Optimization, Isbn: 978 – 93 – 82338 – 56 – 7, Vol 2, May 2013.
5. Prathima, Shailaja K and Nanda S, “An Automatic Approach for Segmentation of Ultrasonic Liver Images”, National conference on “Communication and Soft Computing” at KSIT, Bangalore on 9th August 2012.

6. Shailaja K & Umamaheswari B, “ Control of transformerless rectifiers with automatic adjustment of loop gain” in National conference on computational control system and optimaization, at Dr. AIT Bangalore May 12th – 13th 2011.
7. Karthik M C & Shailaja K “ Hepatic Tumour detection using ultrasound Imaging and FEA” in National conference on computational control system and optimaization, Dr. AIT Bangalore May 12th – 13th 2011.
8. Shailaja K, Manikandan P & Umamaheswari B, “ Modelling and control of transformerless single phase photovoltaic inverter” NCIS -2010, Manipal centre for information science, Manipal University, 2010.