

List of publications in journals:

- 1) **G.Sreenivasulu** and S.N.Reddy "Performance evaluation of superheated steam temperature control system based on tuning methods of analog controllers," IETE Journal of research vol.49, pp.399-404, 2003. ISSN 0377-2063.
- 2) **G.Sreenivasulu** and S.N.Reddy "Performance comparison between single loop control and cascade control of superheated steam temperature system using analog controllers," Journal of instrument society of India voll.33 (4), pp.277-282, 2003. ISSN 0970-9983.
- 3) **G Sreenivasulu** and S.N.Reddy "Robustness of analog and fuzzy controllers for Superheated steam temperature system of 500MW boiler," Journal of instrument Society of India vol.36 (3), pp.195-202, 2006. ISSN 0970-9983.
- 4) V.Ramesh and **G.Sreenivasulu** "Visual cryptography schemes for hiding and recovering the color images." IJEEE Volume 06, No 09, pp.54-58, Sep-Nov 2009. ISSN 0974-2042.
- 5) **G.Sreenivasulu** and S.N.Reddy "Design and performance studies on fuzzy logic Controller for superheated steam temperature system," Journal of instrument Society of India vol.39 (4), pp.247-249, 2009. ISSN 0970-9983.
- 6) S.Sumalatha and **G.Sreenivasulu** "Throughput improvement under network load on forward link inter-cell interference." International Journal on Intelligent Electronic Systems Vol.4, pp. 13-17, January 2010. ISSN 0973-9238.
- 7) K.Rajeswari and **G.Sreenivasulu** "MRI brain image segmentation using Modified Fuzzy C-means clustering algorithm," IJETIE Volume 03, No 01, pp. 01- 08, April-June 2010. ISSN 0974-3975.
- 8) S.Sumalatha and **G.Sreenivasulu** "Improving channel capacity in wireless network by mitigating co-channel interference and channel fading effects." CIIT International journal of Wireless Communications Vol.2, No 8, pp. 245-250, August - 2010. ISSN 0974-9756.
- 9) M.Kranthi Kumar Reddy and **G.Sreenivasulu** "Fuzzy logic control of variable speed Induction machine wind generation systems" IJEEE Volume 11, No 1, pp. 21-32, June-Aug 2010. ISSN 0974-2042.
- 10) M.Kranthi Kumar Reddy and **G.Sreenivasulu** "Speed control of a DC motor a fuzzy control approach" IJEEE Volume 14, No 1, 23-27, Dec 2010-Feb 2011.ISSN 0974-2042.
- 11) P.Anil Kumar, Prashant.B.U.V and **G.Sreenivasulu** "Design and Development of user interface (UI) for S3C2440 (ARM920T Core) Processor based devices in Wince 5.0 RTOS" Journal of Innovation in Electronics and Communication, special issue on Signal Processing and Communication Techniques Vol.2 (2), pp.166-169, Jan 2012. ISSN: 2249-9946.
- 12) V.surendra and **G.Sreenivasulu** "A Supervisory Hierarchical Fuzzy Controller for Power system stabilizer" Journal of Current engineering research Vol.2 (5), Sep-oct 2012. ISSN No.: 0976-8324.
- 13) G.Rukhshana Bi and **G.Sreenivasulu** "An Image retouching technique based on fast marching method" International journal of Electrical and Electronic Engineering & telecommunications, Vol.2(1), pp.51-59, January 2013, ISSN: 2319-2518.
- 14) C. Alekya Yadav and **G.Sreenivasulu** "Fingerprint Matching Using Hough Transform and Latent Prints" International Journal of Electrical & Electronics Engineering (IJEEE), Interscience, Vol.4 (1), 2013, ISSN (PRINT): 2231 – 5184.
- 15) S.Sudhanidhi and **G.Sreenivasulu** "License Plate Extraction and Recognition of Characters of a vehicle Using Sliding Window Technique" International Journal of Engineering Research & Technology (IJERT), Vol.2 (9), September 2013, ISSN: 2278-0181.
- 16) N. Gireesh and **G. Sreenivasulu** "Tuning of PI Controller for a Conical Tank Process with Fuzzy Rules" i-manager's Journal on Instrumentation & Control Engineering, Vol. 2 (3), pp.6-10, May - July 2014, ISSN-2321-113X.
- 17) S.Sumalatha and **G.Sreenivasulu**, " Simulation Study of RF Signal and Power Level Variations in Rayleigh and Rician Fading Channel Models", journal of engineering today, vol.16. pp: 60-67, September 2014, ISSN: 0974 8377.

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- 19) N. Gireesh and **G. Sreenivasulu** "Robustness of PI Controller for Various Tuning Methods for a Nonlinear Process" Australian Journal of Basic and Applied Sciences, Vol.8(17), pp.491-497, November 2014, ISSN: 1991-8178.
- 20) T.Chandra Sekhar Rao and **G.Sreenivasulu** "A Study Of Status Of Brain Morphometry Analysis In Neuroimaging" International Journal of Electronics and Communication Engineering (International Research Publication House), Vol.8 (1), pp.51-64, 2015, ISSN 0974-2166.
- 21) S.Sumalatha and **G.Sreenivasulu**, " multicast node communication using virtual queue with process scheduling", journal of computer science, Vol.11 (2). Pp.337-343, 2015, ISSN: 1549-3636.
- 22) T.Chandra Sekhar Rao and **G.Sreenivasulu**, "A computer aided diagnosis(CAD) system for segmentation and analysis of brain magnetic resonance images" i-manager's Journal on Image Processing, Vol. 2 (4), pp:19-29, October - December 2015, ISSN: 2349-4530.
- 23) T.Chandra Sekhar Rao and **G.Sreenivasulu**, "An automated segmentation approach for quantification and analysis of brain tumors from magnetic resonance images" International Journal of Electronics and Communication Engineering (International Research Publication House), Vol.8 (2), pp.123-136, 2015, ISSN 0974-2166.
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- 26) V.Hima Bindu and **G.Sreenivasulu**, "Interactive Segmentation for Change Detection using Fuzzy Local Information C-Means Clustering and SWT in Multispectral Remote -Sensing Images" IJARCE, Vol.4(11), pp.69-72, November 2015, ISSN:2319-5940.
- 27) N.Kamakshi Devi and **G.Sreenivasulu**, "Statistical study of Least means Square and Normalized Least Mean Square Algorithms" IJAREEIE, Vol.4 (12), pp.9900-9907, December 2015, ISSN: 2320-3765.
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- 29) T.Chandra Sekhar Rao and **G.Sreenivasulu**, "Automated Segmentation of brain Tumors in Magnetic Resonance Images using Enhanced ICA approach". International Journal of Applied research and Development (IJAERD), Vol.6 (3), pp.1-12, Aug.2016, ISSN: 2250-1584.
- 30) T.Chandra Sekhar Rao and **G.Sreenivasulu**, "A Kernel SVM Classifier for Classification of Brain Tumors in Magnetic resonance Images", I-Manager's Journal on Image Processing, Vol.3 (3) pp.43-50, July-September 2016, ISSN: 2349-4530.
- 31) K.Sateesh Kumar and **G.Sreenivasulu**, "Adaptive Inter-Quartile Range approach for denoising of Landsat Satellite Imagery" International Journal of Modern Electronics and Communication Engineering (IJMECE) Vol.4(5), pp.46-51, September 2016, ISSN: 2321-2152.
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- 35) K.Sateesh Kumar and **G.Sreenivasulu**, "Locally received NOAA based crop yield estimation using vegetation index and atmospheric parameters for Chittoor district", International Journal of Applied Engineering Research (IJAER), Vol.12 (20), pp.9688-9696, 2017, ISSN: 0973-4562.
- 36) A.Pulla Reddy, **G.Sreenivasulu** and R.Veeradadra Chary, "Implementation of SRAM Array Using Write and Read Assist Circuit Techniques", International Journal of Modern Electronics and Communication Engineering IJMECE, Vol.5 (6), pp.36-41, November 2017, ISSN: 2321-2152.
- 37) K.Sateesh Kumar and **G.Sreenivasulu**, "A Systematic Approach for Image Enhancement on Landsat8 Imagery", International Journal of Advance Engineering and Research Development (IJAERD), Vol.4 (12), December 2017 pp.185-191, ISSN: 2348-6406.
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- 43) M.Dharani and **G.Sreenivasulu**, "Land use and land cover change detection by using principal component analysis and morphological operations in remote sensing applications" International Journal of Computers and Applications, Vol. 1, pp.1-11, February 2019, ISSN: 1206-212X.
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- 47) CH.Pallavi and **G.Sreenivasulu**, "A Review on Underwater Acoustic/Optical Modems: Design Issues, Recent Developments and Challenges in Underwater Communication" i-managers Journal on Communication Engineering and Systems, Vol.9(2), July-December 2020, pp.21-40, ISSN: 2277-5102.