

LIST OF PUBLICATIONS

1. B. Anuradha and V.Raja Rajeswari, “A ROI Image Watermarking Algorithm Based on DWT and SVD”, i-manager’s Journal on Software Engineering. July-September 2009.
2. B. Anuradha and V. Raja Rajeswari “A ROI Image Watermarking Based on Lifting Wavelet Transform domain”, International Journal on Electrical & Electronics, Vol 05, No 07, June-August, 2009.
3. K.Purushotham Prasad, Dr.B.AnuRadha, “A COMPARISON OF DIFFERENT IMAGE ENHANCEMENT TECHNIQUES i-manager’s Journal on Electronics Engineering, Vol. 11 No. 31 March - May 2011
4. C. Muni Saraswathi, Dr. B. Anuradha, Dr. K. Babulu, “NON-LINEAR ANALYSIS OF THE CARDIOVASCULAR SYSTEM (VANDERPOL OSCILLATOR) USING SIMULINK” I-manager’s Journal on Electronics Engineering, Vol. 11 No. 41, June - August 2011.
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6. V.S.Pavan Kumar, Dr.B.AnuRadha, Vivek, Naresh, “PROCEDURE FOR AUTOMATIC DRIVE TEST”, international Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol. 1, Issue 3, pp.403-410, 2011.
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10. N. Pavithra, Dr. B. Anurahda and P. Srinivasulu, “ANALYSIS OF SYSTEM ERRORS IN REAL-TIME PROPAGATION OF SIGNALS IN L – BAND PHASED” , International Journal of Engineering Research and Applications (IJERA) - ISSN: 2248-9622 (online): Vol. 1, Issue 3, pp.611-615., Sep-Oct-2011.

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13. N. Pushpalatha and Dr. B. Anuradha, "Shortest Path Position Estimation between Source and Destination nodes in Wireless Sensor Networks with Low Cost" *International Journal of Emerging Technology and Advanced Engineering (IJETAE)*, ISSN 2250-2459, Volume 2, Issue 4, April 2012.
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29. B.Chandrababu Naik and Prof.B.Anuradha , "Speech Signal Denoising by Using Different wavelet techniques" Proceedings of Journal of International academic Research for Multidisciplinary ,ISSN; 2320-5086,vol.2,Issue2,march 2014.

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34. K. Vasu Babu, Prof. B. Anuradha, “Design Optimization of Microstrip Antenna with EBG and DGS Using the Genetic Algorithm to Reduce the Mutual Coupling” Journal of Microwave Engineering & Technologies, (UGC Approved) Vol. 3, 11-30, 2016.
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43. B. Ravi Kumar, B.Anuradha, "Fuzzy logic based convective cloud detection from the Kalpana data", *International Journal of Engineering & Technology (IJET)*, ISSN: 2227-524X, Vol-7, Issue-3.29, pp-316-318, 2018. [Scopus indexed].
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56. Chandrababu Naik Bukke and Prof. B. Anuradha, "Extraction of Spread Surface Water Body using Supervised and Unsupervised Classification Techniques", International

57. B. Ravi Kumar, B.Anuradha, “Detection of Convective clouds over Indian region using NDCI for NOAA AVHRR Data”, Pattern Recognition and Image Analysis. Advances in Mathematical Theory and Applications (accepted). Journal and will be published in Issue 4, Vol. 31, 2021.

Conferences/Seminars/Workshops attended

1. N. Pavithra, K. Purushotham Prasad , Dr. B. Anuradha, “Analysis of system errors in UHF wind profile Radar” International Conference on Advances in Mathematical and Computational methods (AMCM2011), Sri Padmavathi Mahila Viswavidyalayam, Tirupati, 5-7 January, 2011.
2. K. Purushotham Prasad, N.Pavithra, Dr.B.AnuRadha, “A Review on Filtering Techniques used in Fetal ECG Signal Processing”, International Conference on Advances in Mathematical and Computational methods (AMCM2011), Sri Padmavathi Mahila Viswavidyalayam, Tirupati,5-7 January, 2011.
3. D.Praveen Kumar, Raghunath, Dr.B.AnuRadha, “Atmospheric Temperature variability with modified Lidar Error analysis”, International Conference on Contemporary Trends in Optics and Optoelectronics, Thiruvananthapuram, January 17-19, 2011.
4. Dr.B.AnuRadha, “Applications of DSP in Biomedical instrumentation” ICTE sponsored Two day national workshop on DSP controlled Power Electronics systems and applications, Sri Venkateswara College of Engineering and technology, RVS nagar, Chittoor, July 10-11, 2009.
5. National conference on “Emerging Materials, Devices and Technologies”, Dept of Physics, Sri Venkateswara University, TIRUPATI, 24-25-February, 2009.
6. Symposium on “ Recent trends on Mathematical Modeling”, Department of Mathematics, Sri Venkateswara University, Tirupati 20March ,2009.
7. Three day National level workshop on “Recent trends in VLSI and Nano technology & Hands on skills on EDA tools”, Sri Venkateswara college of Engineering & Technology, RVS Nagar, Chittoor, 24-26-March-2009.
8. Dr.B.AnuRadha, N.Pavithra ,K.Purushotham Prasad “Analysis of system errors in wind profile Radar” National Conference on Advances in atmospheric remote sensing weather

prediction and climate change ,Dept of Physics, Sri Venkateswara University, Tirupati,10-11 March 2011.

9. UGC sponsored Workshop “Capacity building of women managers in Higher Education”, Center for Extension Studies, Sri Venkateswara University, 19-23, January, 2009.
10. STTP on “Hands on experience of Virtual Instrumentation applications in Engineering and technology” Sponsored by MHRD Dept of ECE NIT Warangal, 7-13 December 2009.
11. One day Workshop on “Women and Research –Priorities in the Context of Globalization”, The Center for Women’s studies, Sri Venkateswara University, Tirupati, 18 March, 2010
12. National Seminar on “Women and management –Perspectives and Perceptions”, The Center for Extension studies, Sri Venkateswara University, Tirupati, 30-31 March, 2010.
13. One day Workshop on “Women and Governance”, The Center for Women’s studies, Sri Venkateswara University, Tirupati, 18 March, 2010.
14. Sreedevi Gandham, B. Anuradha “An Iterative Method of Ensemble Empirical Mode Decomposition for Enhanced ECG Signal Denoising” IEEE Conference on Wireless communication Signal processing and Networking(WISPNET-2016),SSN College,Chennai,22-24 March 2016.
15. K. Vasu Babu, Prof. B. Anuradha, “Reduction of Mutual coupling by desegregated with EBG Structure for Microstrip Antenna Array Radar Applications” International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs), Centurion University of Technology and management, Odisha, India. 978-1-5090-4620-1/16/\$31.00 ©2016 IEEE.
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21. K. Vasu Babu, Prof. B. Anuradha, "Design of annular ring MIMO antenna using Defected Ground Structure" International Conference on Microwave integrated circuit, Photonics and wireless networks, NIT, Trichy, India. 978-1-7281-1034-9/19/\$31.00 ©2019 IEEE.
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23. K. Vasu Babu, Prof. B. Anuradha, "Design of nine shape MIMO Antenna using parasitic elements to reduce mutual coupling" International Conference on Optical and Wireless Technology, Springer, (SCOPUS Indexed), Lecture Notes in Electrical Engineering, Malaviya National Institute of Technology , Jaipur, India, March, 2019.
24. B. Ravi Kumar, B. Anuradha, "Comparative study on SVD, Textural and Fuzzy Logic of NOAA Satellite Data to Detect Convective clouds", International conference on Innovative Data Communication Technologies and Application (ICIDCA-2019), 17th&18th, October, 2019, organized by RVS college of engineering and Technology at Coimbatore, Tamil Nadu. (Springer conference).
25. Chandrababu Naik Bukke and Prof. B. Anuradha, "Time Series Analysis of Water Feature Extraction using Water Index Techniques from Landsat Remote Sensing Images", IEEE Xplore Part Number:CFP19OSV-ART; ISBN:978-1-7281-4365-1, 2020. [IEEE Conference]