PUBLICATIONS

Dr.ANAND S, M.E., PH.D.,

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JOURNALS

1. Mrs.Abhisha Mano, Dr.S.Anand published "Method of multi-region tumour segmentation in brain MRI images using grid-based segmentation and weighted bee swarm optimisation" IET Image Processing, Vol.14, Issue.12, pp.2901-2910, October-2020

2. Mrs.Valarmathi, Dr.S.Anand published "CORRELATION BASED BRIGHTNESS PRESERVING ADAPTIVE IMAGE CONTRAST ENHANCEMENT" Tierärztliche Praxis, Vol.40, pp.657-674, August-2020

3. Mr.S.Muthukumar, Dr.S.Anand published "Robust Feature Based Collaborative Regression Classifier for Face Recognition" International Journal of Advanced Science and Technology, Vol.29, Issue.7, pp.1113-1121, April-2020

4. Dr.S.Anand, Ms.P.Palniladevi published "Dynamic enhanced proximity coupling technique for antennas" Int. J. Wireless and Mobile Computing, Vol.18, Issue.3, pp.233-241, April-2020

5. Miss.Preethi Elizabeth Navamani, Dr.S.Anand published "Low profile high gain circular SIW antenna for L and S band applications" Microwave and Optical Technology Letters , Vol.61, Issue.11, pp.2482-2490, November-2019

6. Mr.B.Lakshmanan, Dr.S.Anand, Ms.T.Jenitha published "Stain Removal Through Color Normalization of Haematoxylin and Eosin Images: A Review" Journal of Physics: Conference Series, Vol.1362, Issue.1, pp.1-12, November-2019

7. Mrs.Abhisha Mano, Dr.S.Anand published "GSO based weight Optimized Artificial Neural Network with Modified Active Contour for Brain Tumor Segmentation" Tierärztliche Praxis, Vol.39, Issue.11, pp.184-204, November-2019

8. Dr.S.Anand, Mr.J.Murugachandravel, Mrs.Valarmathi, Mrs.Abhisha Mano, Mrs.Kavitha published "Contrast Enhancement of Mammograms and Microcalcification Detection" International Journal of Recent Technology and Engineering (IJRTE), Vol.8, Issue.4, pp.3926-3932, November-2019

9. Dr.S.Anand, Miss.Rokhini published "A double line SIW cavity backed antenna for WLAN applications" International Journal of RF Microwave Computer Aided Engineering, Vol.29, Issue.9, pp.1-9, September-2019

10. Dr.S.Anand, Mr.B.Lakshmanan, Mr.J.Murugachandravel, Mrs.K.Valarmathi, Mrs.Abhisha Mano, Mrs.N.Kavitha published "Wavelet-Based Automated DNA Sizing of Fragments through AFM Image Processing" International Journal of Engineering and Advanced Technology (IJEAT), Vol.8, Issue.5, pp.231-238, June-2019

11. Mr.R. Premkumar, Dr.S.Anand published "Secured and compound 3-D chaos image encryption using hybrid mutation and crossover operator" Multimedia Tools and Applications, Vol.78, Issue.8, pp.9577-9593, April-2019

12.
Miss.Preethi Elizabeth Navamani, Dr.S.Anand published "Substrate integrated waveguide cavity-backed log-periodic slot antenna for Ku and K band applications" International Journal of RF and Microwave Computer-Aided Engineering, Vol.28, Issue.9, pp.1-8, November-2018

13. Miss.Josephine Pon Gloria Jeyaraj, Dr.S.Anand published "Broadband RCS reduction in microstrip patch antenna using L-shape stepped polarization rotation reflective surface" International Journal of RF and Microwave Computer-Aided Engineering, Vol.28, Issue.7, pp.1-6, September-2018

14. Miss.Josephine Pon Gloria Jeyaraj, Dr.S.Anand published "An efficient reflective polarization rotation meta surface for broadband RCS reduction" International Journal of RF and Microwave Computer-Aided Engineering, Vol.28, Issue.7, pp.1-8, September-2018

15. Miss.Josephine Pon Gloria Jeyaraj, Dr.S.Anand published "Angled Split-Ring Artificial Magnetic Conductor for Gain Enhancement in Microstrip Patch Antenna for Wireless Applications" Wireless Personal Communication, Vol.101, Issue.3, pp.1221-1232, August-2018

16. Dr.S.Anand, Miss.Sangeetha Priya published "Visual Improvement of Breast Histopathology Images using Color Transfer Techniques" International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Vol.7, Issue.4, pp.287-291, April-2018

17. Dr.S.Anand, Mr.Palanichamy, Mr.Joshua Paul Ebenezer published "Substrate Integrated Waveguide Cavity-Backed Ku-Band Slot Antennas with Shorting VIAS" International Journal for Science and Advance Research in Technology (IJSART), Vol.4, Issue.3, pp.948-950, March-2018

18. Dr.S.Anand, Miss.Baby, Miss.Keerthana, Miss.Nivetha published "A Dual Polarized Dual Band Antenna With Omni Directional Radiation Patterns With Modified Loops," International Journal for Science and Advance Research in Technology (IJSART) , Vol.4, Issue.3, pp.1206-1210, March-2018

19. Dr.S.Anand, Miss.Durga Lakshmi, Miss.B.Abinaya, Miss.Hema Preethi published "Image Sensor Based Fire Detection using Raspberry PI" IJSRD - International Journal for Scientific Research & Development., Vol.6, Issue.1, pp.294-297, March-2018

20. Dr.S.Anand, Miss.Sangeetha Priya published "Visual Improvement of Histopathology Images using Enhancement Techniques" International Research Journal of Engineering and Technology (IRJET), Vol.5, Issue.3, pp.2017-2020, March-2018

21. Mr.J.Murugachandravel, Dr.S.Anand published "Wavelet Based Image Enhancement using Two Stage Adaptive Histogram Equalization" International Journal of Pure and Applied Mathematics , Vol.118, Issue.8, pp.539-542, January-2018

22. Mrs.Valarmathi, Dr.S.Anand published "A Technical survey on Image Contrast Enhancement Techniques using Histogram Equalization method" Pak. Journal Biotechnology , Vol.14, Issue.special issue, pp.348-352, December-2017

23. Dr.S.Anand, Miss.R.K.Keetha Manjarii published "FPGA Based Forest Fire Detection using Neural Network " International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol.3, Issue.39 (Speciel Issue), pp.147-151, June-2017

24. Dr.S.Anand, Mr. Pradeep. R, Mr.Ahamed Sathik published "Smart Waste Management System" International Journal for Research in Applied Science & Engineering Technology, Vol.5, Issue.III, pp.515-518, March-2017

25. Dr.S.Anand, Miss.Radhika, Mr.Anu Prabaa, , published "Design of EBG Superstrate to Improve the Performance of Patch Antenna" International Journal for Research in Applied Science & Engineering Technology, Vol.5, Issue.III, pp.826-830, March-2017

26. Dr.S.Anand, Miss.K.Bharathi published "Analysis of Signal Activity Detection in Acoustic Emission" Pak. J. Biotechnol., Vol.13, pp.71-75, December-2016

27. Mr.Premkumar R, Dr.S.Anand published "Secured Permutation and Substitution Based Image Encryption Algorithm for Medical Security Applications" Journal of Medical Imaging and Health Informatics , Vol.6, Issue.8, pp.2012-2018, December-2016

28. Dr.S.Anand, Miss.J. Josephine Pon Gloria published "RF MEMS Based Reconfigurable Rectangular Slotted Self Similar Antenna" Circuits and Systems, Vol.7, Issue.6, pp.859-876, May-2016

29. Dr.S.Anand, Miss.Lavanya published "FPGA implementation of modified decision based unsymmetrical trimmed median filter for the removal of salt and pepper noise in medical images" International Journal of Applied Engineering Research, Vol.10, Issue.55, pp.777-782, December-2015

30. Dr.S.Anand, Miss.Gayathri published "Mammogram image enhancement by two-stage adaptive histogram equalization" Optik - International Journal for Light and Electron Optics, Vol.126, Issue.21, pp.3150-3152, November-2015

31. Dr.S.Anand, Miss.Lavanya published "Implementation of Advanced Image Enhancement Techniques using FPGA" International Journal of Applied Engineering Research, Vol.10, Issue.1, pp.169-175, March-2015

32. Dr.S.Anand, Miss.Gokula Janani published "Analysis of Enhancement Algorithm for Non-Uniform Illumination Images" International Journal of Applied Engineering Research, Vol.10, Issue.55, pp.378-383, January-2015

International Conference Publications

1. Mr.S.Muthukumar, Dr.S.Anand published "Robust feature based collaborative regression classifer for face recogntion" Recent advances in electrical, electronics ,computer and communication engineering, pp.402-, December-2019

2. Mr.B.Lakshmanan, Dr.S.Anand, Ms.T.Jenitha published "Stain Removal through Color Normalization of Haematoxylin and Eosin Images : A Review" International Conference on Recent Engineering Technology 2019, , May-2019

3. Mr.Prem kumar, Dr.S.Anand published "A light weight Encryption Algorithm for Web of Things" Third International Conference on Recent Trends in Engineering and Technology, , April-2018

4. Mr.Prem kumar, Dr.S.Anand published "Asymmetric Image Encryption scheme using high speed diffusion and confusion" Third International Conference on Recent Trends in Engineering and Technology, , April-2018

5. Miss.Kavinmozhi, Mr.Prem Kumar, Dr.S.Anand, Dr.Robinson published "A hybrid Chaos Approach for Image Encryption using CTIC Map" Proceeding of 2018 IEEE International Conference on Current Trends toward Converging Technologies, Coimbatore, India, pp.132-136, March-2018

6. Miss.Latha, Mr.Prem Kumar, Dr.S.Anand published "An efficient Wavelet Transform based Steganography using chaotic Map" Proceeding of 2018 IEEE International Conference on Current Trends toward Converging Technologies, Coimbatore, India, pp.524-530, March-2018

7. Dr.S.Anand, Miss.P. Durga Lakshmi,, Miss. B.Abinaya, Miss.P. Hema Preethi published "Raspberry based Fire and Spark Detection from video sequences'," 8th international Conference on Engineering and Advancement in Technology 2018, , March-2018

8. Mrs.Abhisha Mano, Dr.S.Anand, Miss.Sridevi published "MR Brain Image Multilevel Segmentation and Performance Analysis" International Coference on Modern Trends in Engineering Research, , March-2018

9. Mrs.Abhisha Mano, Dr.S.Anand, Miss.Asha published "Segmentation of LAMINA CRIBROS - A Perspective Approach" International Conference on Modern Trends in Engineering Research, , March-2018

10. Miss.Sindhuja, Mr.Premkumar, Dr.S.Anand published "A Novel Selective Image Encryption Algorithm Based On Chaotic System Using Substitution Method" International Conference on Applied Sciences and Technology (ICAST -17), pp.397-403, June-2017

11. Miss.Sudha, Mr.Premkumar, Dr.S.Anand published "An Image Encryption Scheme using Multiple Chaotic Maps" International Conference on Applied Sciences and Technology (ICAST -17), pp.116-122, June-2017

12. Miss.Sivakami, Mr.Premkumar, Dr.S.Anand published "Chaos-Based Genetic Operators For Securing Medical Image" International Conference on Applied Sciences and Technology (ICAST -17), pp.389-396, June-2017

13. Mrs.Valarmathi, Dr.S.Anand published "A Technical survey on Image Contrast Enhancement Techniques using Histogram Equalization method" IEEE sponsored International Conference on Intelligent Computing and Control (I2C2) , Vol.1, pp.85-92, June-2017

14. Dr.S.Anand, Miss.Keetha Manjari published "FPGA Based Forest Fire Detection using Neural Network" IEEE Sponsored 2nd International Conference on Recent Trends in Engineering and Technology, , May-2017

15. Dr.S.Anand, Miss.Kavya published "Enhancing the Synthetic Aperture Radar Images" IEEE Sponsored 2nd International Conference on Recent Trends in Engineering and Technology, , May-2017

16. Dr.S.Anand, Miss.Keetha Manjari published "FPGA Implementation of Artificial Neural Network for Forest Fire Detection in Wireless Sensor Network" 2nd IEEE International Conference on Computing and Communication Technologies, , March-2017

17. Miss.Sudha, Mr.Premkumar, Dr.S.Anand published "Multi-Chaos Techniques Based Image Encryption for Medical Image Applications" 2017 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), Vol.1, pp.312-317, March-2017

18. Dr.S.Anand, Miss.Kaviya published "Analysis of Synthetic Aperture Radar Image Enhancement Algorithm" IEEE sponsored International Conference on Inventive Communication and Computational Technologies (ICICCT 2017) , pp.155-159, March-2017

19. Miss.Sindhuja, Mr.Premkumar, Dr.S.Anand published "Bounded Box Based Selective Medical Image Encryption Algorithm for Security Application" 2017 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), Vol.1, pp.345-350, March-2017

20. Miss.Sivakami, Mr.Premkumar, Dr.S.Anand published "An Efficient Method Based On Crossover Operator for Image Encryption" IEEE Sponsored International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) - 2017, Vol.1, pp.351-356, March-2017

21. Dr.S.Anand, Miss.Bharathy published "Analysis of signal activity detection in acoustic emission" International Conference on Innovations in Information Embedded and Communication Systems (ICIIECS'16), , Vol.5, pp.256-259, March-2016

22. Dr.S.Anand, Ms.P.Palniladevi published "Analysis of fractal Antenna Structures with reconfigurable feed" International Conference on Electronics and Communication (ICECS 2016), , February-2016

National Conference Publications

1. Mrs.Abhisha Mano, Dr.S.Anand, Miss.Sridevi published "MR Brain Image Multilevel Segmentation using K Means and Particle Swarm Optimization" National Conference on Modern Trends in Engineering Research, , February-2018

2. Mr.J.Murugachandravel, Dr.S.Anand published "Speckle Removal in Transrectal Ultrasound Images of Prostate" National Conference on Innovations in Engineering, Science & Technology, Vol.1, Issue.1, pp.12-12, March-2017

3. Mr.J.Murugachandravel, Dr.S.Anand published "Transrectal Ultrasound Image Enhancement for Prostate Cancer Diagnosis" Fifth National Conference on Computer Science and Applications - NCCSA'16, Vol.No.: 1, Issue No.: 1, Page No.:87-90, Vol.1, Issue.1, pp.87-92, March-2016

4. Mr.V.Neethidevan, Dr.S.Anand published "A Review of Fire Detection Technologies based on Video Image" Fifth National Conference on Computer Science and Applications - NCCSA'16, Vol.No.: 1, Issue No.: 1, Page No.:82-86 , Vol.1, Issue.1, pp.82-86, March-2016

5. Mr.karthick, Mr.Manimuthu, Dr.S.Anand published "Automatic generation of 3D image from 2D image using Edge information" National Conference on Emerging Communication Trends, , March-2015

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