R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY
RSM NAGAR, PUDUVOYAL- 601206

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper Published in Conference by Students

2016-2017

1. Arun C., Muthumanickam S,**Lokesh D., Singaravelan N and Dinesh Raja B., "**VLSI Architecture of DWT and LUD-SVD based Robust Invisible watermarking Scheme", national conference on Computational Intelligence and High performance Computing at SRM University on 17.09.2016 and 18.09.2016.

2. Praveena N G., **Kowsika S P., Karthika S and Keerthana M.,** "Routing protocols in WSN-a survey", National Conference on Nasent Technologies in Biomedical ,Electrical,Electronics and communication at Vel Tech Multitech Engineering College,on 21.01.2017.

3. **Reshma G S** and Gangatharan N., "Intelligent Transport System", National conference onSmart Traffic and parking Infrastructure Solutions, at ARM College of Engineering and Technology, on 20.02.2017.

4. **Gayathri J and Deepa B B.,** "Identifying Parkinson's Disease using Speech Processing", ISTE Sponsored National Conference on Information and Communication Engineering, at RMKEC, on 20.02.2017.

5. **Gopalakrishnan S.,** "Enhanced Auto Information Recorder for Automobiles", 6th National conference on Recent Advancements in Signal Processing and Communications, at RMK College of Engineering and Technology, Chennai on 27.02.2017.

6. **Chennupati Sridevi., Anitha G., Aparajitha T.R., Gayathri M** and Ramachandran R., "Active RFID based intelligent transport system", Sixth National Conference On Recent Advancements in Signal Processing and Communication (NCRASPC – 2017),at R.M.K. College of Engineering and Technology R.S.M. Nagar Puduvoyal – 601 206 Gummidipoondi Taluk, on 27.02.2017.

7. **Ramya G., Kavitha K** and Gangatharan N., "Enhancing network security by implementing preventive mechanism using GNS3", Sixth National Conference on Recent Advancements in Signal Processing and Communication (NCRASPC 2017) at R.M.K. College Of Engineering And Technology, on 27.02.2017.

8. **Mohana Priya S., Meenakshi R., Nadeen Naushad** and Jai Ganesh S., "Automatic transmission for military tracked Vehicles", Sixth National Conference on Recent Advancements in Signal Processing and Communication (NCRASPC 2017) at R.M.K. College Of Engineering And Technology on 27.02.2017.

9. **Indu P., Jyothsna S D., Hemalatha J K., Kalaiarasi D** and Vijayanandh R., "Redistribution Of Dynamic Routing Protocol", Sixth National Conference On Recent Advancements in Signal Processing and Communication (NCRASPC – 2017), at R.M.K. College of Engineering and Technology R.S.M. Nagar Puduvoyal – 601 206 Gummidipoondi Taluk, Thiruvallur Dist On 27.02.2017.

10. **Gopala Krishnan S., Inba Arockiya Raj., Anto Gladwin K and Arjuna Menon P.** , "Enhanced Auto Information Recorder for Automobiles", Sixth National Conference on Recent Advancements in Signal Processing and Communication (NCRASPC – 2017), at R.M.K. College of Engineering and Technology R.S.M. Nagar Puduvoyal – 601 206 Gummidipoondi Taluk, Thiruvallur Dist On 27.02.2017.

11. Sesha Vidhya S., **Abhishek Raj A., Aalvin V., Dinesh R and Dharmesh D.,** "Optimization of Vivaldi Antenna for detection of skin cancer", National Conference on Recent Trends in the Development of Smart Cities", at Rajalakshmi Institute of Technology, on 03.03.2017 and 04.03.2017.

12. **Ajaykumar S., Alex Blesson Raj R P., Anandavignesh V S, Balaji S** and Manikandan A., "Extraction of Blood vessels in Retinal Images using Curvelet Transform" , in National Conference on Recent Trends in the Development of Smart Cities(NCRTDSC'17), at Rajalakshmi Institute of Technology, Kuthambakam ,Chennai on 04.03.2017.

13. **Kalai Selvam S., Jaya Prakash M K** and Nimitha N., "Resolving Chromosomal Occlusions Using Color Image Processing Algorithm" , National Conference on Recent Trends in the Development of Smart Cities(NCRTDSC'17), at Rajalakshmi Institute of Technology, Kuthambakam ,Chennai on 04.03.2017.

14. **Chennareddy Sivapratap Reddy., Kamalesh P** and Kumar T., "An IOT enabled connected navigation system for urban bus riders", National Conference on Recent Trends in the Development of Smart Cities(NCRTDSC'17), at Rajalakshmi Institute of Technology, Kuthambakam ,Chennai, on 04.03.2017.

15. Shanthi K G., Sesha Vidhya S and **Balasubramaniam A.,**"Design of X-band frequency Notch Horn Filtenna", National Conference on Recent Trends in the Development of Smart Cities", at Rajalakshmi Institute of Technology, on 03.03.2017 and 04.03.2017

16. **Sridharan P., Venkatachalam M S., Vignesh H** and Sesha Vidhya S., "Performance enhancement of Microstrip Patch Antenna based on EBG Structure", International Intellectual Convergence on Advances in Science and Engineering, at Aalim Muhammed Salegh College of Engineering, on 03.03.2017 and 04.03.2017.

17. Inbamalar T M., **Shabeer Ahmed Baig., Sidharth T., Satish Kumar P and Chandrakanth T.**, "DNA Sequencing to analyze NIR Spectroscopy", International Intellectual convergence on Advances in science and Engineering, at Aalim Muhammed Salegh College of Engineering on 03.03.2017 and 04.03.2017.

18. Manikandan A., **Praveen Kumar N., Lokesh S., Manishankar R and Sake Viswash.,** "Image enhancement using DWT", National Conference on Recent Trends in The Development of Smart Cities (NCRTDSC17), at Rajalakshmi Institute of Technology, Chennai, On 03.03.2017 and 04.03.2017.

19. Arthi Devarani P, **Ranjith K., Ranjit Kumar S., Ranjith S., Pradeep Kumar V Muchakhandi.,** "Detection Of Illicit Nabes Using Ir Images", National Conference On Recent Trends In The Development Of Smart Cities (NCRTDSC17), at Rajalakshmi Institute of Technology, Chennai, On 3 03.03.2017 and 04.03.2017.

20. **Akash B., Avinash V., Harikrishna S., Harish J G** and Praveena N G., "A Novel Scheme for Computer Aided Operations of Substation", ICFTEE'2017 at Thiruvalluvar College of Engineering and Technology, Vandavasi, on 04.03.2017 and 05.03.2017.

21. Gangatharan N and **Eunice Daphine** J., "Detection of illegally parked vehicles on Highways using IoT", International Conference on Computational Science and Technology at Sri Sai Ram Engineering College, on 09.03.2017 and 10.03.2017.

22. **Karthick S., Lokesh Babu M., Rajesh P., Madhan Kumar K** and Ciyamala Kushbu S., "Docker based IRIS recognition using intelligent model", National Conference on Data Science and Intelligent Information Technology (NCDSIIT'17) at Rajalakshmi Institute of Technology, Chennai, on 10.03.2017

23. **Ponprakash M., Pamujula Vivek., Narala Raj Kiran Reddy., Mithun Jain T** and Arthi Devarani P., "Data interpretation and analysis of agriculture using IOT", National Conference on Data Science and Intelligent Information Technology(NCDSIIT'17) at Rajalakshmi Institute of Technology, Chennai, on 10.03.2017

24. **Nishanth R., Saisudheer C., Praveen E** and Shaik Hedayath Basha., "Design and analysis of multiple valued logic using advanced max Gate", National Conference on Data Science and Intelligent Information Technology(NCDSIIT'17), at Rajalakshmi Institute of Technology, Chennai, on 10.03.2017

25. **Nishia Jenisha S., Nivedha M., Priyanka J., Pulivathi Mahitha and** Sangeethalakshmi K.,"Fixed point algorithm for fully parallel turbo decoder", National Conference on Data Science and Intelligent Information Technology(NCDSIIT'17), at Rajalakshmi Institute of Technology, Chennai, on 10.03.2017.

26. **Nivetha V., Pavithra P., Katari Sri Soundarya** and Babu M.,"Design of hybrid RAM to improve the speed of Cache", National Conference on Data Science and Intelligent Information Technology(NCRTDSC17), at Rajalakshmi Institute of Technology, Chennai, on 10.03.2017.

27. **Monica B., Nandhini M., Nandhini R., Keerthana M** and Muthumanickam S., "Microstrip wideband MIMO antenna with high isolation for wimax application", National Conference on Data Science and Intelligent Information Technology (NCDSIIT'17), at Rajalakshmi Institute of Technology, Chennai, on 10.03.2017

28. **Reesha R., Sangeetha K., Saranya H** and Sangeethalakshmi K., "Performance Analysis of Frequency Selective Surfaces For Mobile Communication", National Conference on Data Science and Intelligent Information Technology(NCDSIIT'17) ,at Rajalakshmi Institute of Technology association with Computer Society of India (CSI) on 10.03.2017and 11.03.2017(**Best Paper Award).**

29. **Monisha P., Lipika T., Ramya B** and Sudharsanam V., "Smart grid prepaid metering system", National Conference on Emerging Technologies (NCET 2017), at Arunai College Of Engineering on 11.03.2017 **(Best Paper Award)**

30. **Lokesh D., Singaravelan.,**.Arun C and Muthumanickam S., "Implementation of singular value decomposition using high level synthesis on FPGA", International Conference on Research Methods in Engineering and Technology (ICRMET 2017), at Hotel Chennai Gateway, Chennai, on 12.03.2017 (**Best Paper Award).**

31. **Hiren Vikhram S., Jaikumar V., Jayasuriya Narayanan R., Jeevananthan N** and Kannan K., "Improving quality of service in OSPF interface by dynamic adaptation based on network traffic", National Conference on Trends in Computing Technologies NCIICT'17 at Meenakshi Sundarajan Engineering College, Kodambakkam, on 17.03.2017.(Int. Journal)

32. **Anu M S., Divya R., Gothai R., Monika M** and Nimitha N., "Removal of Interphase cells from M-Fish Chromosomes and Denoising in Segmentation using median filtering", National Conference on Trends in Computing Technologies NCIICT'17 at Meenakshi Sundarajan Engineering College, Kodambakkam, on 17.03.2017.

33. **Inba Arockiya Raj ., Arjuna Menon P., Gopala Krishnan S., Anto Gladwin K.,** Jai Ganesh S., "Enhanced Auto Information Recorder", National Conference on Trends in Computing Technologies NCIICT'17, at Meenakshi Sundarajan Engineering College, Kodambakkam, on 17.03.2017.

34. **Hari Govind V., Adarssh Mahesh., Nagendra Babu M., Jonnagadla Dinesh Naidu** and Ciyamala Kushbu S., "Detection of Moving Objects", Second National Conference on Recent Innovations in Electronics and Computing Technologies(NCRIECT - 17) at Annai Veilankanni's College of Engineering, Chennai - 127, on 18.03. 2017.

35. **Sangeetha S., Sophia S., Vicithra C., Mahita V** and Shaik Hedayath Basha., "Surface Roughness Measurement using Image Processing", International Conference on Electrical Information and Communication Technologies (ICEICT 2K17), at M.A.M. College of Engineering ,on 21.03.2017.

36. **Nivetha C., Premalatha M and** Poovizhi S., "Automatic water level monitoring and seat availability in train using wireless networks", Sixth International Conference on Computation

of Power, Energy, Information and Communication, ICCPEIC-2017 at Adhiparasakthi Engineering College, on 22.03.2017.

37. **Neelisetty Sai Aravind., Nathan B and** Kannagi V., "Multiple U Slot wide band patch antenna", International Conference on Green Technologies for Power Generation and Communication (ICGPC) at St Peters University on 22.03.2017.

38. **Abhinayaa B., Abinaya B., Gomathi M.,** and Chitra A., "Efficient Data Hiding using matrix Pattern & LSB Algorithm", National Conference on Networking, Imaging and Green Computing (AGNICON 2017), at Agni College of Technology, Chennai, on 23.03.2017.

39. **Madhura M., Rahini G A and** Vijay Anandh R., "Analysis & classification of Remote sensed data using attribute filters over the tree of shapes", National Conference on Networking, Imaging and Green Computing (AGNICON 2017), at Agni College of Technology, Chennai, on 23.03.2017.

40. Sathish Kumar G., **Sruthy Janani., Swathi., Usha Nandhini and Vaishnavi.,** "Layout Determination Using Through Wall Radar Imaging Technology", 6th National Conference on Networking, Imaging and Green Computing , at Agni college of Technology, on 23.03.2017.

41. Babu M and **Srinidhi Sridharan.,** "Autonomous Pick and Place Robot using Intelligent Technology", Sixth National Conference on Networking, Imaging and Green Computing, at Agni College of Technology, Chennai, on 23.03.2017.

42. Ramachandran R., **Swetha Dharini K and Uvatharani N.,** "Robust Vehicle detection and tracking Method", National Conference Recent Innovations and Trends in Engineering (NCRITME 17), at Rajalakshmi Institute of Technology, on 23.03.2017 and 24.03.2017.

43. **Dinesh T., Chandran R., Muthu Kumar M** and Kannagi V., "Bandwidth Enhancement and harmonic suppression of a Proximity Coupled FED patch Antenna", ICONSTEM 2017, at Jeppiar Engineering College, Chennai 600119, on 23.03.2017 and 24.03.2017

44. **Akshay Dayanandan., Balavinayagam., Hariharan T and Salman Faris.,** "An LDPC Based STBC-OFDM MIMO System for Wireless Communication", ICONSTEM 2017, at Jeppiar Engineering College, Chennai 600119, on 23.03.2017 and 24.03.2017

45. **Pradeepa P., Poornimah K., Nirmala B., Monika Devi S B and** Sathyaraj P., "Jamming adaptable security extension of neighbor discovery using MANET", Third International Conference on Science Technology Engineering & Management (ICON STEM'17) at Jeppiaar Engineering College, on 23.03.2017 and 24.03.2017

46. **Mayaniranjan G., Kandra Srikanth., Prasanna Kumar A and** Kannan K., "Implementation of MPMPS in VANET using security trust multi channel error recovery video streaming and compression", 5th International Conference on Contemporary Engineering and Technology ICCET 2017, at Madha Engineering College, Chennai, on 24.03.2017

47. **Aathira T.I., Anandhi S., Cherukuri Rachana., Divya S** and Sathyaraj P., "Enhanced Coverage Area in Smart Environment using DCCCR Algorithm", N3CIT at T.J.S Engineering College, Thiruvallur- 601206, on 25.03.2017.

48. **Sai Jaya Harsha., Kalyan Kumar N and Pankaj Kumar T.S.,** "Noise free Airport", 5th National conference on computing communication and Information technology, at T.J.S Engineering College on 25.03.2017.

49. **Sridevi J., Seenirathi V., Uma M** and Chitra A., "Merging quick response code with pictures to form a PI code", National Conference on Recent trends in Engineering and Technology, at Gojan School of Business and Technology, on 25.03.2017

50. **Swetha A., Thangam V** and Sandhiya G., "Binarization Using Digitization And Adaptive Weighted Trimmed Median Filter Model", International conference on Emerging Trends in Electrical and Communication Technologies - ICETECT-17,at Saveetha School of Engineering, on 30.3.17 and 31.3.17.

51. **Sukanya S., Usha Nandhini C., Vidhya Sri U** and Sandhiya G. , "Image Assessment And Texture Feature Extraction Using HSV Model", International conference on Emerging Trends in Electrical and Communication Technologies - ICETECT-17, at Saveetha School of Engineering on 30.3.17 and 31.3.17.

52. **Sagunthala S.,Sandhiya S.,Vasudha T.R.,Vinodhini R** and Indumathy T., "Train Monitoring System Using Intelligent Video Analysis", International Conference on Science and Innovative Engineering held, at Jawahar Engineering College ,Chennai, on 02.04.2017.

53. **Reshma G.S.,** Inbamalar T M and Srinivasan T., "Brain Tumour Diagnosis Using Improved Supervised Learning Models and Review on Advanced Techniques", International Conference on Science and Innovative Engineering 2017,at Jawahar Engineering College, Chennai, on 02.04.2017.

54. **Priyadarshini K., Radhika R., Vyshnavi Papineni and** Praveena N G., "Energy efficient Antcolony optimization routing in WSN on cluster", 7th International conference on science and Innovative engineering(ICSIE 2017) at Jawahar Engineering college on 02.04.2017.

55. **Rohit Viswanath K G., Satish P.,Talla Venkat Deepak .,Varunkumar R** and Indumathy T., "Health Monitoring System With Wireless Power Transmission For Biomedical Implants", Fourth International conference on Green Technologies for Power Generation, Communication & Instrumentation, at St.Peter's University ,Chennai on 3.04.2017 and 04.04.2017.

56. **Aparna C G., Harini S., Banu Priya P** and Dhivya K., "Efficient device-to device Communication Underlying Cellular Architecture", ICGPC'17 at St. Peter's University, Chennai on 03.04.2017 and 04.04.2017.

57. **Soniya Priya B.,Sridevi S., Swathi P.,Vyshali V P** and Sandhiya G., "Efficient Lossy and Lossless Compression For Better Diagnosis Of Sensing Lung Tumor", Fourth International Conference on Green Technologies for Power Generation, Communication and Instrumentation, at St.Peter's University, Chennai, on 03.04.2017 and 04.04.2017.

58. Poovizhi S., **Shaistha Shabnam I., Sneha S and Sujithra Sri M.,** "Underwater Image Enhancement by Dehazing and pixel Binning Algorithm", Fourth International Conference on Green Technologies for Power Generation, Communication and Instrumentation, at St.Peter's University,Chennai, on 03.04.2017 and 04.04.2017.

59. **Rayapaneni Prasanthi., Routhu Sri Lakshmi Pravallika., Shilpa B.,Vaishali T** and Dhivya K., "Restoring The Connectivity of Mobile Robotic Sensor Networks Using Grid Routing Algorithm", Fourth International Conference on Green Technologies for Power Generation, Communication and Instrumentation, at St.Peter's University,Chennai, on 03.04.2017 and 04.04.2017.

60. **Santhosh P., Rohith Varma K.S., Sai Vinay C.K., Vignesh R** and Inbamalar T M., "White Blood Cell Analysis for Leukocytosis and Neutropenia Detection using Wavelet Transform and Neural Networks", Fourth International Conference on Green Technologies for Power Generation, Communication & Instrumentation (ICGPC 17), at St.Peter's University, Chennai, on 03.04.2017 and 04.04.2017.

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