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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Paper Published in Conference by Faculty

Academic Year 2015-2016

1. Arulananth T S., **Gangatharan N**, Ragul Prasath J, Praveenraj S.R "Ultra-Low Power Circuit Design Using Sub-Threshold Adiabatic Logic (SAL)" in the National Conference On Modern Electronics And Signal Processing (NCMESP) Velammal Engineering College ON 24th March 2016.

2. Arulananth T.S.,**Gangatharan N.,** Pradeepraj B., Gowtham L M., Jagannadham K, "Automated License Plate Recognition System", National Conference on modern Electronics & Signal Processing (NCMESP'16), Velammal Engineering College, Chennai, 24th March 2016.

3. **Gangatharan N.,** Raveena Reddy D, Sowmiyaa S, Sushma K M, Yaram Sai Harshini "Prioritized And On Time Safety Critical Message Transmission In VANET" In International Conference On Internet of Things and Applications For Smart City, Thirupati at Annamacharya Institute of Technology and Sciences(AITS),18-19 March 2016.

4. **Padmavathy T V., Perumal Pillai E B.,** "**State of The Art on the Use of Nanotechnology and Nanosensors in the Field of Civil Engineering**" Proceedings of the International Conference on Nanomaterials and Nanotechnology, KSR College of Technology, Tiruchengode, December 2015.

5. **Shanthi K G.,** Sandhiya G., Hemalatha U., Indumathi K., Logeswari M., "Adaptive Motion Estimation Algorithm with Low Latency for Real Time Video Compression", National Conference on modern Electronics & Signal Processing (NCMESP'16), Velammal Engineering College, Chennai, 24th March 2016.

6. Sandhiya G., Dhivya K and **Kannagi V.,** "Encrypted image transmission over MIMO channel for secured communication using compressive sensing technology",International Conference on Science,Technology and Management,India International Centre,New delhi,17.01.2016.

7. **Kannagi V.,**Ganesh R., Gautam M I., Akash K., "Spatial Modulation with Multipath Propagation", National Conference on Emerging Trends in Information Science and Technology, RVSPCET, Chennai, 30-31 March 2016.

8. **Kannagi V.,** Sangeetha Bhavani K, Shiffa Yasmin M I, Sruthy K C, Leelavathi A R "Bandwidth Enhancement Using Multilayered Patch Antenna" in the National Conference on modern Electronics and Signal Processing (NCMESP) at Velammal Engineering College on 24th March 2016..

9. **Sesha Vidhya S.,** Babymeena P., Dhanalakshmi J., Abinaya P and Diksha R., "Auto Diagnosis and Monitoring Of Patients Health through Wireless Network", Proceedings of National Conference on Modern Electronics & Signal Processing (NCMESP '16), Velammal Engineering College, 24th March 2016.

10. Indumathy T and **Praveena N G.,** " A Novel Multimodal Method for forensic verification" IEEE Sponsered Inter National Conference on Innovations in information ,Embedded and communication Systems (ICIIECS '16),at Karpagam College of Engineering ,Coimbatore ,on 17.03.2016 and 18.03.2016

11. **Praveena N G.,** Maruthu Chaitanya Sri.,Nandhini N., Nisha S.,"GSM Technique with Restraint Enhancement for School Children Benefit", International Conference on Science and Technology(ICST-16), Chennai ,9th April 2016.

12. **Praveena N G.,** Monisha D H., Monisha D M.,Monisha K., "Melioration of Network Lifetime by using Network Coding in Wireless Sensor Networks", International Conference on Science and Technology, Chennai ,9th April 2016.

13. **Muthumanickam S.,** Vishal B., VigneshN.,"Design of Rectangular Microstrip Patch Antenna with Edge Feed for Wireless Application", presented in the National Conference on Modern Electronics and Signal Processing at Velammal Engineering College, Chennai, 24th March 2016.

14. **Muthumanickam S.,** Raagul S., Thirukumaran R., "Design of Edge Feed Rectangular Microstrip Patch Antenna and Performance Improvement using Electromagnetic Band Gap Structure", presented in the National Conference on Recent Trends in Engineering and Technology on at KSR Institute for Engineering and Technology, Namakkal,24th March 2016.

15. **Muthumanickam S.,** Lekshmi E., Manisha A., Pavithra K., "Efficient Cluster Based Communication with Plausibility Checks in VANET", International Conference on IFERP, VVERT, Chennai, 10th April 2016.

16. **Vijayanadh R.,** Hariharan G T and Hariharan G P S., "Crop Disease Identification using Image Processing", IET Sponsored Fifth National Conference on Recent Advancement in Signal Processing and Communication,at RMKCET, on 07.03.2016,pp.92-95.

17. **Vijayanandh R.,** Gopinath S., Balasubramaniam M., "Agro Metrology and disease identification, National Conference on Emerging Trends in Information Science and technology, RVSPCET, Chennai,30-31March 2016

18. **Vijay Anandh R.,** Mounica A.,Muthulakshmi S.,Pavithraa S., "Steganography Embedded with Watermarking with Meliorated Security Performance using LSB Algorithm", International Conference on Engineering Trends in 21st Century(ICET2K16), Chennai, 25th March 2016.

19. **Manikandan A.,** Harish D B., Karthikeyan S., Kameshwaran S., "A Intelligent Transportation System for Detecting Hazards at Level Crossings", National Conference on Emerging Trends in Information Science and Technology (NCETIST-2K16), RVS Padmavathy College of Engineering and Technology, Chennai, 30-31March 2016.

20. **Indumathy T.,** Hinduja A., Keerthana S., Maheswari S., "Bronchogenic Carcinoma Detection of CT images using HOG and GLCM and Classification on SVM", National Conference on Recent advancements in signal processing and Communications, 7th March 2016.

21. **Indumathy T.,** Anirudh R., Arun Ravi., Ethish Manickam M., Franklin S., "Identification and Detection of Vicious Data Injection in Wireless Sensor Networks using EADA", Research in Electronics Engineering and Communication Techniques, SRM University, Chennai ,on 1st and 2nd April 2016.

22. **Sangeethalakshmi K.,**Agni Raj A., Dinesh Balaji V., Bhala Mukesh., Divithej D P., " Usage of Li-Fi Technology for the Guidance of Blind People", "National Conference on Emerging Trends in Information Science and technology, RVSPCET, Chennai, 30-31 March 2016.

23. **Sangeethalakshmi K.,** Spoorthy., Surya S., Tanyaelizabeth Kuruvilla., Sharmila M., "Heart Wave Monitoring Using Biotelemetry For Emergencymedical Service",at the International Conference on Recent Innovations in Science, Engineering, Technology and management (ICRISETM) held at Institute of Research and Journals Chennai on 27th March 2016.

24. **Sathyaraj P**., Rukmani Devi S and Kalpana D., "A Novel Based Analysis of Baffled Traffic Patterns in MANETS", Proceedings of the Second International Conference on Sensing Signal Processing and Security-ICSSS-15, pp.38-41, July 2015.

25. **Sathyaraj P.,**,M.K.S.Sandeep M K S., Umesh L., Varunsai P.,Vishnu Vardhan K., "Secure Neighbor Discovery in Mobile Ad Hoc Networks in the Presence of JR-SND and HDSR", in ICAREM 2016 at Professional group of institutions, palladam. 641662, India, 10-11March 2016.

26. **Sathyaraj P.,** Petchiammal S., Nithya K., Nithya Lekshmi A., "Defending Against Collaborative Attacks by Malicious Nodes in MANETs   Packet Leash   Approach", International Conference on Science and Technology(ICST-16),9th April 2016.

27. **Sathish Kumar G.,** Aakash G., Arun Prakash T V., Ata Venkataramaiah., Deepan Kumar R., "Restoring Connectivity of Mobile Robotic Sensor Networks in Presence of OCRS and GRID Based Routing Algorithm", National Conference on Recent Trends in Engineering and technology, KSR Institute for Engineering and Technology, Tiruchengode,24th March 2016.

28. **Sathishkumar.G,** Saravanan S N, Sasikumar R, Vivek M., Yuvaraj V V., "Spraying Fertilizers In The Agricultural Land Automatically To Avoid Weeds" in the National Conference On Modern Electronics And Signal Processing (NCMESP) Velammal Engineering College on 24th March 2016.

29. **Dhivya K.,** Sirisha B .,Vinitha K G, **"**Spectrum hole detection using Cognitive Radio Network" National Conference on Modern Electronics and Signal Processing, at Velammal Engineering College,on 24th March 2016.

30. **Dhivya K.,** Sindhuja R., Sirisha B., Vinitha K G and Monisha N., "Imperfect Spectrum Prediction of Cognitive Radio Network For Throughput" in the National Conference on "Innovative Trends in VLSI, Communication & signal processing Applications" – NCVCSPA' 16 at TJS Engineering College, held on 19 March 2016.

31. **Dhivya K.,** Paulraj J., Prasanna M and Karthick K., "Prediction of Security- Reliability Trade-off in Secondary Network", National Conference on Emerging Trends in Information Science and Technology (NCETIST-2K16), RVS Padmavathy College of Engineering and Technology, Chennai, 30-31March 2016.

32. **Chitra A.,** Gavya Sree U., Devi L., Dhivya Lakshmi V G., "Detection of Mammographic Microcalcification Clusters using ANFIS", National Conference on Emerging Trends in Information Science and Technology, at RVSPCEAT, Chennai, 30-31March 2016.

33. **Chitra A.,** Manikandan R., Manojkumar M., Maruthi Vignesh M.," Implementation of a High Speed RSD Based ECC Processor using Vedic Multipliers", National Conference on Emerging

Trends in Information Science and Technology (NCETIST-2K16), RVS Padmavathy College of Engineering and Technology, Chennai, 30-31March 2016.

34. **Poovizhi S.,** Priyanka D., Roobini K.,Suganya M., Sukanya U., "Brain Tumour Detection Using Segmentation Based On Contextual Clustering Algorithm And Object Lablling Algorithm",in the National Conference on modern Electronics and Signal Processing (NCMESP) at Velammal Engineering College on 24th March 2016.

35. **Poovizhi S.,** Jeeva S., Gopi.A.N., Hema Kumar U., "An Automated Blood Cell Count using Hough and OTSU Method", National Conference on Emerging Trends in Information Science and Technology (NCETIST-2K16), RVS Padmavathy   College of Engineering and Technology, Chennai, 30-31March 2016.

36. **Sandhiya G.,** "Low power - High Efficient Video Encoding For Image Quality Improvement in Battery-operated Surveillance camera" International Conference on Science, Technology and Management on 27th September 2015, Delhi University.

37. **Sandhiya G.,** Akash V J., Aravind Pandian P., Baba Nelson M.,Arul Pandian M ., "Real Time Water Contamination Monitoring Using IoT", National Conference on Recent Trends in Engineering and technology, KSR Institute for Engineering and Technology, Tiruchengode, March 2016.

38. **Kavitha R.,** Santhosh Kumar S., Satheesh Kumar D., Udhaya Prasanth V., Venkatesh S.,"Iterative filtering mechanism for data aggregation integrity in heterogeneous WSNs", International Conference on Emerging trends in information science and technology(NCETIST-2K16) at RVSPCET held on 30-31,March 2016.

39. **Kavitha R.,** Poongodi M., Poornima R., Jayashree M., "Efficient Gold Mining Using Visible Light Communication" ,International Conference on Emerging and Recent Technology, Sree Sastha College of Engineering, Chennai, 2nd April 2016.

40. **Ramachandran R.,** Balam Sahithya., Dummala Sivakalyan and Dharani Shankar K P., "Standalone Maritime boundary protection System Using Floating Station", National Conference on Advanced Communication and Signal Processing, DMI College of Engineering, Chennai, 31st March 2016.

41. **Ramachandran R.,** Shilavanth E., Yogesh D.,Yogesh V and Tinesh kumar V., "Wireless Security Alert by Motion Detection",in ICAREM 2016 at Professional Group of Institutions, Palladam. 641662, India,10-11 March 2016.

42. **Ramachandran R** and Srinivasan S., "Efficient Spectrum Sensing using Bayesian Detector for Cognitive Radio Network", International Conference on Innovative and Emerging Trends in Engineering and Technology,at Panimalar Institute of Technology,on 7th May 2016.

43. **Babu M.,** Girish Y., Karthik D., Janish Subhash pandian P and Sivarama Krishnan R., "Industrial Collateral Damage Reduction Using Mobility ROBOT Based on IoT", National Conference on Innovation in Computing and Communication Technology, Kongunadu CET, 25th March 2016.

44. **Babu M.,** Kumaraesan V., Karthik M S and Kiran Sai V K., "Medi Suit for Monitoring Patient Using Wireless Communication",International Conference on Emerging trends in Engineering Research, Chennai, 20th March 2016.

45. **Babu M.,** Vishnu Prasad R., Mohan A., Rajasekar K and Saravanan S., "Realtime ECG Monitoring System" In Fifth National Conference On Signal Processing And Communication(NCRASPC 2016) at R.M.K College Of Engineering And Technology On 7th March 2016.

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47. **Aarthi K J Veronica.,** Gokul M S., Alugupalli Srujan Reddy., Chandrapati Tirth Venkata Sai and Dilli babu E R., "Safety Measures for ALS Using Wireless and Embedded Systems", International Conference on Advances in Engineering, Science & Technology, IFERP, Chennai, April 2016.

48. **Nimitha N.,** Jacklin Marietta B., Janani U., Kavya G., Lavanya S., "Performance Of OFDM With Enhanced Subcarrier Index Modulation Using QAM", National Conference on modern Electronics & Signal Processing (NCMESP'16), Velammal Engineering College, Chennai, 24th March 2016.

49. **Nimitha N.,** Shalini Y., Sivaranjani B., Sowmiya S and Vinothini V.,"A Novel Power-Efficient   Scheme and Energy Efficient (SEE) - OFDM for IM/DD Optical Systems",in the National Conference on modern Electronics and Signal Processing (NCMESP) at Velammal Engineering College on 24th March 2016.

50. **Jaiganesh S.,** Renjith R., Reuben.M.Cherian, Sai prasanth B and Yuva Ravi Teja S.," Li-Fi based positioning and navigation MOSFET & driver amplifier circuit", in the National

Conference on modern Electronics and Signal Processing (NCMESP) at Velammal Engineering College on 24th March 2016.

51. **Jaiganesh S.,** Deepika S., Akshsrs Priya K K., Anushya S., "IRIS Segmentation Based on High Dynamic Range Images", National Conference on Emerging and innovative Trends in Power Systems and Power Electronics Engineering, at TJS Engineering College, Chennai, 2nd April 2016.

52. **Ragasudha M C.,** Anitha K., Bhavani S., Devisree U., "Epilepsy Detection Using EEG-Curvelet Feature Selection and Support Vector Machine Classification", International Conference on Emerging System and Design, Avvaiyar College of Engineering and Technology, Pudhucherry, 21-22 April 2016.

53. **Ciyamala Kushbu S.,** Bandala Raja Sekhar., Alahari Saimouli and Akash B., "Green Radio Approach Towards Energy Efficient Radio Access Networks for Mobile Communication", National Conference on Emerging Trends in Information Science and Technology, RVSPCET, Chennai, 30-31March 2016.

54. **Hedayath Basha S.,** Murthigari Nagendrasai., Naveen Kumar V G., Pasirla Siva., "Blind People Voting System using SVM Classifier", National Conference on Emerging Trends in Information Science and Technology (NCETIST-2K16), RVS Padmavathy College of Engineering and Technology, Chennai, 30-31March 2016.

55. **Hedayath Basha S.,** Agalyadevi K, Durgaparameshwari T., Deepa M., "A Gesture Learning Interface for Simulated ROBOT Path Shaping With a Human Teacher", National Conference on recent trends in engineering and technology, at KSR Institute for Engineering and Technology, Tiruchengode, 24th March 2016.

56. **Arthi Devarani P.,** Lokesh J., Abhishek K.Manikanta Swamy M.,Pradeep Kumar P., "Reverse Process of Image and Data Steganography using Adaptive PPM and DWT" , National Conference on Emerging Trends in Information Science and Technology (NCETIST-2K16), RVS Padmavathy College of Engineering and Technology, Chennai, 30-31March 2016.

57. **Kumar T.,** Jayaprakash R., Mohan Raj G D., Jahan Mohanraj M., "Classification of Intracardiac Tumor and Thrombi using Adaptive Co-Segmentation", National Conference on Emerging Trends in Information Science and Technology (NCETIST-2K16), RVS Padmavathy College of Engineering and Technology, Chennai, 30-31March 2016.

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