



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper Published in Conference by Students

2017-2018

1. Dr.Shanthi K G., Manikandan A., Venkatesh Perumal Pranay Chandragiri and Sai vinoj B.," **"Cross layer design for TCP optimization through efficient packet handling mechanism with improved AMC in wireless networks"**, Fourth International Conference on Research trends in Engineering , Applied Science and Management at The institution of Electronics and Telecommunication Engineers on 24.06.2017.
2. **Raja Sindhu A., Monisha R.,Venkatesh Perumal Pranay C and Suryah V., "Altitude Compensation for UAV by Integration of Embedded Devices in IoT"**, International Conference on IoT and Challenges, Vel Multitech Engineering College, on 14.12.2017 and 15.12.2017.
3. Dr.Inbamalar T M., **Apoorva N.,Akshaya T., Jayashree D., Jayashre T., and Gokul Pooja C., "An improved Artificial Electrolarynx"**, International Conference on Inventive Computing Systems and Applications, Inventive Research Organization, at hotel IBIS, Pattaya, Thailand(Through Skype),on 29.01.2018 and 30.01.2018.
4. **Arundhathi B., Dhanya D., Catherine Rathi Devapriya.,Alagu Bakya Lakshmi., Annie Terencia J and Dhanalakshmi M., "Advances in Wildlife Road-Crossing Early Alert System"**, International Conference on Electrical and Electronics Engineering, in IRA Research forum, at Chennai, on 18.02.2018.
5. Indumathy T., **Hariprasad P S.,Anbarasan V N.,Gokul Raj V and GowriShankar J., "Waste Disposal Between Tracks Using Robot"**, 7th National Conference on Recent Advancements in signal Processing and Communications (NCRASPC -2018), at R.M.K.C.E.T ,Puduvoyal Chennai on 26.02.2018.
6. Nimitha N.,**Paninila B.,Pavithra B.,Pavithra V P and Puvaneshwari A S., "Chromosomes Classification and Anomaly detection by using Machine Learning Algorithms"**, 7th National Conference on Recent Advancements in Signal Processing and Communications, at R.M.K College of Engineering and Technology, Chennai, on 26.02.2018.

7. **Arundhathi B., Dhanya D., Catherine Rathi Devapriya.,Alagu Bakya Lakshmi., Annie Terencia J and Dhanalakshmi M., "Advances in Wildlife Road-Crossing Early Alert System"**, 7th National Conference on Recent Advancements in signal Processing and Communications (NCRASPC -2018), at R.M.K.C.E.T ,Puduvoyal Chennai on 26.02.2018.
8. **Nimitha N., Malavika A M., Mythili priya R., Nandhini J and Nandhini S., "Mode of Connecting Paralysed to the World"**, 7th National Conference on Recent Advancements in Signal Processing and Communications, at R.M.K College of Engineering and Technology, Chennai, on 26.02.2018.
9. **Jai Ganesh S., Priyadharchini P., Ramya R., Rubaina Afreen A and Priyanka P., " Adaptive Cruise Control on Vehicle to avoid Collision Occurence"**,7th National Conference on Recent Advancements in signal Processing and Communications (NCRASPC -2018), at R.M.K.C.E.T ,Puduvoyal Chennai on 26.02.2018.
10. **Sathyaraj P.,Nisha E.,Niveditha M and Niveditha G., "Secured IoT based Intrusion Detection system using PIR sensor"**, 7th National Conference on Recent Advancements in signal Processing and Communications (NCRASPC -2018), at R.M.K.C.E.T ,Puduvoyal Chennai on 26.02.2018.
11. **Vignesh M.,Sundar Ram T.,Maharaja T.,Tarun S K.,Lokesh V and Gokul H., "Smart Toll Application"**, 7th National Conference on Recent Advancements in signal Processing and Communications (NCRASPC -2018), at R.M.K.C.E.T ,Puduvoyal Chennai on 26.02.2018.
12. **Dr.Shanthi K G., Swetha A., Santhiya S and Sangeetha P., "Lidar Based Coast Guard Alert System and Cost Efficient GPS Alert system for Fishermen Safety"**,7th National Conference on Recent Advancements in signal Processing and Communications (NCRASPC -2018), at R.M.K.C.E.T ,Puduvoyal Chennai on 26.02.2018.
13. **Mohamed Rizwan., Kiran R., Lithan Kumar and Lakshman Sivakumar "Prototype Application for Controlling Wireless Connectivity Inside the Premises"**,7th National Conference on Recent Advancements in signal Processing and Communications (NCRASPC -2018), at R.M.K.C.E.T ,Puduvoyal Chennai on 26.02.2018.
14. **Jayakrishnan VS.,Karthik Raja S and Girish S., "National Creche Application"**,7th National Conference on Recent Advancements in signal Processing and Communications (NCRASPC -2018), at R.M.K.C.E.T ,Puduvoyal Chennai on 26.02.2018.

15. SK. Hedayath Basha., **Sai Jaya Harsha M.,Mahendra D., Karthik U and Nirmal Raja E., "Video Watermarking Using DWT And Elgamal for Authentication and Security"**, International conference on recent trends in mathematics and information technology -ICRMIT 2018, at Avinashilingam Institute for Home Science and Higher Education for Women , Coimbatore, on 01.03.2018 and 02.03.2018.
16. Dhivya K., **Keerthana M and Iruvuri Lahari., "Jubilance Hub - World's Unique Recruitment Site"**, Conference, at Bizdev Info Tech, Chennai, on 14.03.2018.
17. Sathish Kumar G., **Dhivya M., Anubama S., Kanimozhi B and Akshara B., "Intra Body Communication In Bio-Medical Applications"**, International Conference on Automation and computing Technologies (ICACT-18) at Velammal Institute of Technology, on 17.03. 2018.
18. Dr.Shanthi K G., **Sudharsan S.,Sudharsan G P.,Gowtham P and Thasbir S K., "Human-Animal Conflicts Impediment Using Technology and Future Prospects"**, 4th International Conference on Applied Science Engineering and Technology (ICASET-2018), at Sengunthar College of Engineering, Namakkal, on 16.03.2018 and 17.03.2018.
19. Ciyamala Kushbu S.,**Rishikesh A T., Vignesh P and Vignesh P., "Automated Energy Meter Monitoring System using IoT"**, International Conference on Advancements in Engineering Technology and Sciences ICAETS 2018, at Dhaanish Ahmed College of Engineering, on 16.03.2018 and 17.03.2018 .
20. Nimitha N., **Aarthi Pooja B R., Abirami S and Barakath Nisha V N K, "Road traffic sign detection and classification using intelligent models - A Survey"**,8th International Conference on Engineering and Advancement in Technology 2018 (ICEAT'18) ,at Sri Krishna College of Engineering and Technology, Coimbatore ,on 22.03. 2018.
21. Poovizhi S.,**Rayapudi Prashanth Kumar.,Santhip Kumar R.,Tata Pushpak and Unnam Manoj Kumar., "Improved and Secured Air Traffic Management using single board computer"**, International Conference on Engineering and Advancement in Technology,at Sri Krishna College of Technology, Coimbatore, on 22.03.2018.
22. **Sanjana S., Dakshitha D Jain, Reshma C P and Babu M., "Health Monitoring System of Tsunami Buoys"**, International Conference on Engineering and Advancement in Technology,at Sri Krishna College of Technology, Coimbatore, on 22.03.2018.

23. Sandhiya G.,**Santhosh S., Sathish K., Sathish B and Putreddy Harshavardhan.,** **"Safety System for Fishermen to prevent Border Crossing"**, International Conference on Engineering and Advancement in Technology, at Sri Krishna College of Technology, Coimbatore, on 22.03.2018.
24. Jai Ganesh S., **Prasannavenkatesh D., Pradosh D., Mukundhan S and Karthikeyan S.,** **"Neonatal Incubator Monitoring Using IOT"**, 8th International Conference on Engineering and Advancement in Technology, at Sri Krishna College of Technology, Coimbatore, on 22.03.2018 and 23.03.2018.
25. Indumathy T., **Hariprasad P S.,Anbarasan V N., Gokul Raj V and Gowri Shankar J.,** **"Waste Disposal Between Tracks Using Robot"**, 8th International Conference on Engineering and Advancement in Technology 2018, at Sri Krishna College of Technology on 22.03.2018 and 23.03.2018.
26. Jai Ganesh S., **Avenash A., Harihara Sudhan S., Baarathi C and Amudham Prakash Reddy.,** **" Electronic Toll Collection System Using QR Code and RFID Registration"**, International Conference on Engineering and Advancement in Technology, at Sri Krishna College of Technology, Coimbatore, on 22.03. 2018 and 23.03. 2018.
27. Dr.Arun C.,**Deepika A N.,Deepalakshmi K., Dhanalakshmi R T and Divyabharathi R.,** **"Farmer Bridge Android Application and E- Commerce Website For Farmer "**, IEEE Conference on Engineering and Advancement In Technology, at Sri Krishna College of Technology, Coimbatore, on 22.03.2018 and 23.03.2018.
28. Sathish Kumar G., **Dhivya M., Anubama S., Kanimozhi B and Akshara B.,** **"Intra Body Communication In Bio-Medical Applications"**,2nd International Conference on Applied Soft Computing Techniques(ICASCT), at Kalasalingam Academy of Research and Education. ISBN 978-93-86638-27-4, on 22.03.2018 and 23.03.2018.
29. Muthumanickam S.,**Nivedha S., Prapthi S R and Rashmi R.,** **"Implementation of Digital Watermarking techniques - A Survey"**, 8th International Conference on Engineering and Advancement Technology, at Sri Krishna College of Technology, Coimbatore, on 22.03.2018 and 23.03.2018.
30. Jai Ganesh S., **Priyadharchini P., Ramya R., Rubaina Afreen A and Priyanka P.,** **" Adaptive Cruise Control on Vehicle to avoid Collision Occurence"**,2nd International

Conference on advances in Mechanical Engineering (ICAME – 2018), at SRM University on 22.03.2018 and 24.03.2018.

31. Dr. Shanthi K G., **Raja Sindhu A., Monisha R., Venkatesh Perumal Pranay C and Suryah V., "Adaptive Sensing and Engine Control for Internal Combustion Engine based UAV"**, 2nd International Conference on Advances in Mechanical Engineering (ICAME-2018) , at SRM University, Chennai, on 22.03.2018 to 24.03.2018.
32. Sangeethalakshmi K., **Uma K., Sowmya S and Vishali Sukumar., "Refinery Control Room Ambience Control System"**, International Conference on Engineering and Advancement in Technology, at Sri Krishna College of Technology, Coimbatore, on 22.03.2018 and 23.03.2018.
33. Kannan.K., **Praveen M., Rameez Raja S., Sabarinathan M and Haridass R., "A Surveillance System for Air Pollution Monitoring, Warning and Management"**, International Conference on Electrical, Communication and Instrumentation systems", at Jeppiaar Engineering College, Chennai, on 23.03.2018 .
34. Sangeethalakshmi K., **Kalyan Kumar Reddy N., Pankaj Kumar T S., Shadik Basha P and Anki Reddy K., "On Board Diagnostics Using On Board Computer"**, 8th International Conference On Engineering And Advancement in Technology, at Sri Krishna College of Technology, Coimbatore, on 23.03.2018 and 24.03.2018.
35. Shaik Hedayath Basha., **Abishek R, Balakrishnan S., Bhuvanesh Kumar H and Badugu SVR Balasubrahmanyam, "Face Recognition Based Attendance System"**, International Conference on Recent Trends in Engineering, Computers, Information Technology and Applications at PSNA College of Engineering and Technology, on 23.03.2018.
36. Ciyamala Kushbu S., **Balaji V., Ajithkumar P, Gunasekar N and Kiren Aananth., "Forgery Detection in Documents"**, 2nd International Conference on Recent Trends in Engineering, Computers, Information Technology and Applications at PSNA College of Engineering and Technology, on 23.3.2018.
37. Nimitha N., **Paninila B., Pavithra B., Pavithra V P and Puvaneshwari A S, "Literature Survey of Chromosomes Classification and Anomaly detection using Machine Learning Algorithm"**, 2nd International Conference on Advances in Mechanical Engineering, at SRM Institute of Science and Technology, Kancheepuram, on 23.03.2018.

38. Kumar T., **Bhubesh Kumaran M., Chandra Mohan S., Kiran Kumar U and Narahari A.**, “**Traffic Analysis of Spectrum by Sensing and Sharing Algorithm Using OFDM in Cognitive Radio**”, International Conference on recent Trends in Engineering, Computers, Information Technology and Applications, at PSNA College of Engineering and Technology, on 23.03.2018.
39. Maran P.,**Yugesh M.,Sam David D.,Venkatasairam B And Vanteri Nikhilreddy.**, "**Automatic Medicine Dispenser using QR code**",8th International Conference on Engineering and Advancement in Technology,at Sri Krishna College of Technology,on 23.03.2018.
40. Dr.Gangatharan N., **Sriram T M and Yuvaraja K B.**, "**Automatic Shutdown of Electronic Devices**",4th International Conference on Science Engineering and Technology, at Jeppiaar Engineering College, Chennai, on 23.03.2018 and 24.03.2018.
41. Vijayanandh R., **Sripriya L., Sindhumathi M., Varshini S and Sakshi Jain S.**, "**Gun Control System and Stabilization**", 4th International Conference on Science , Engineering and Technology, at Jeppiar Engineering College, Chennai, on 23.03.2018 and 24.03.2018.
42. Kumar T., **Vankireddy Likhitha Reddy.,Vaddi Sreeja.,Sree Ramya S and Renuka Devi M.**, ‘**A Hybrid Model for Wind Forecasting**’, International Conference on Innovations in Engineering and Sciences (ICIES’18), at Jeppiaar SRR Engineering College, Chennai, on 23.03.2018 and 24.03.2018.
43. Dr.Inbamalar T M., **Sandhya R., Sangeetha R., Sinduja R and Vaisunavee R.**, "**An improved method for the Early Detection of Lung Cancer**", International Conference on Innovations in Engineering and Sciences (ICIES’18), at Jeppiaar SRR Engineering College, Chennai, on 23.03.2018 and 24.03.2018.
44. Shaik Hedayath Basha, **Srinivasan S ., Sunil Kumar V., Venkat Mahesh G and Susheil Natraj S.**, "**Railway LI - FI**",4th International Conference on Science , Engineering and Technology, at Jeppiar Engineering College, Chennai, on 23.03.2018 and 24.03.2018.
45. **Alagu Bakya Lakshmi., Annie Terencia J and Dhanalakshmi M.**, "**Advances in Wildlife Road-Crossing Early Alert System**", National conference on Advances in Electrical and Electronics Engineering, at Sri Venkateswara College of Engineering, on 24.03.2018.

46. Parvathy G., **Karthikeyan S., Karthikeyan G., Karthikeyan G A and Nikhil M.,** "**Smart Cold Resistant Jerkin For Soldiers**", National Conference on Advances In Electrical And Electronics Engineering - NCAEEE 2018 , at Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur, on 24.03.2018.
47. Muthumanickam S., **Vigneshwaran K., Vignesh B., Siddharth R and Suresh R.,** "**Advanced Braille Language Telecommunication**", 4th International Conference on Science Engineering and Technology ICONSET'18, at Jeppiar Engineering College, Chennai, on 24.03.2018.
48. Sathish Kumar G., **Janani M., Konduru Sowjanya., Lalitha Jyothi M V S and Leela G S.,** "**Control of Furnace Temperature Using IoT**", National Level Technical Conference on Petroleum Conservation and Environmental Sustainability, at JCT College of Engineering and Technology, on 27.03.2018. **.(BEST PAPER AWARD)**
49. Dr.Praveena N G., **Ajith Kumar P., Koushik B., Barath P., Dinesh Kumar C.,** "**Hedonic Regression Model for MIMO in Femto Cell on 5G Network to Avoid Fronthaul and Backhaul**", International Conference on Smart Structures and Systems (ICSSS'17), at Saveetha Engineering College, Chennai , on 28.03.2018.
50. Sesa Vidhya S., **Harini Lakshmi B., Jotheeswari J., Keerthanapriya T J and Michael Swetha C.,** "**Design of UWB Slot Antenna For WBAN Application**", International Conference on Smart Structures and Systems", at Saveetha Engineering College, Chennai, on 28.03.2018.
51. Sesa Vidhya S., **Anointy Florence P., Deepa BB., Easwari P and Hemalatha E.,** "**Design of UWB Patch Antenna with Complementary Split Ring Resonator for Wireless Body Area Networks**", International Conference on Smart Structures and System, at Saveetha Engineering College, Chennai, on 28.03.2018.
52. Dr.Praveena N G., **Praveen Kumar S., Pravith R., Madhu K and Saminathan G.,** "**Maximizing Lifetime Through Finest Routing in Mobile Wireless Sensor Networks**", International Conference on Smart Structures and Systems (ICSSS'17), at Saveetha Engineering College, Chennai, on 28.03.2018.
53. Sathyaraj P., Rukmani Devi D., **Vishaal J B., Vinoth R., and Shaik Riyaz** "**Energy management Maintenance by clustering in MANETs**", International

Conference on Smart Structures and Systems”, at Saveetha Engineering College, Chennai, on 28.03.2018.

54. Kannan K., **Alagu Selvan V., Hari Krishna B., Aravind M and Balaji M., “RFID-Based Ticketing For Public Transport System”**, International Conference on Science and Innovative Engineering(ICSIE 2018) at Jawahar Engineering College, Chennai on 01.04.2018.
55. Babu M.,**Indiradevi R.,Hemavathy V., Hemamalini C and Manju S., “Forest Fire Detection And Alert System”**, International Conference on Science and Innovative Engineering(ICSIE 2018) at Jawahar Engineering College, Chennai on 01.04.2018.
56. Sathyaraj P., Rukmani devi D., **Deepika T and Aswini V., “Sensor Based Over Band Count Detector and Display Unit”**, Second International Conference on Power Electronics and Renewable Energy Systems”, at Rajalakshmi Engineering College, on 04.04.2018.
57. Kannagi V., **Dhava Sahnmitha K., Enidha A., Ashika P., Balreddy Rajitha., “Microstrip patch Antenna as a Sensor for Breast Cancer Detection”**, Second International Conference on Power Electronics and Renewable Energy Systems”, at Rajalakshmi Engineering College, on 04.04.2018.
58. Dr.Arun C.,**Karoline I., PeramDeepthi, Meenakshi R and Palamani Sai Vandana., “Improving Security And Quality Of Image Steganography Using RC4 And DWT”**, International Conference on Power Electronics and Renewable Energy Systems, at Rajalakshmi Engineering College(REC),Chennai, on 04.04.2018.
59. Arthi Devarani P., **Saranya E., Shanthi Priya E and Vinisha N., “Automatic Forest Tree Protection using Robotics”**, International Conference on Power Electronics and Renewable Energy Systems,at Rajalakshmi Engineering College, on 04.04.2018.
60. Kannagi V., **Jayasri G., Kavipriya E M and Mohana P., “Quad Band Circularly Polarised Antenna For Wlan/Wimax Applications”**, International Conference on Power Electronics and Renewable Energy Systems, at Rajalakshmi Engineering College (REC),Chennai, on 04.04.2018 and 05.04.2018.
61. Dhivya K.,**Venisree S., Vishnupriya R and Thamizh Rathna E S., “Smart Collection and Detection Waste”**, International Conference on Power Electronics and Renewable

Energy Systems, at Rajalakshmi Engineering College, Chennai, on 04.04.2018 and 05.04.2018.

62. Dr.Gangatharan N., **Pavya K., Anne Sophia A and Bandaru Soundarya., "Smart Academic Database Record"**, Second International Conference on Power Electronics and Energy Conservation, at Rajalakshmi Engineering College(REC),Chennai, on 04.04.2018 and 05.04.2018.
63. Arthi Devarani P., **Anitha K G and Deepika V., "Survey on Gait Recognition using Intelligence Models"**, International Conference on Design, Analysis, Manufacturing and Simulation, at Saveetha School of Engineering, Chennai, on 06.04.2018 and 07.04.2018.
64. Nimitha N., **Malavika A M., Mythili priya R., Nandhini J and Nandhini S, "Mode of Connecting Paralyzed to the World"**, International Conference on Scientific Research and Innovations(ICSRI) 1.0,at Chennai Institute of Technology, Chennai, on 06.04.2018.
65. Vijayanandh R., **Monisha S., Nandhini S., Niranjanadevi D and Nivedha J., "Secured image transmission using MIMO-OFDM Technique"** , 3rd international conference on Design, Analysis, Manufacturing and Simulation, at Saveetha School of Engineering College, Saveetha University, Chennai, on 06.04.2018 and 07.04.2018.
66. Manikandan A., **Jayashree J., Karthika S., Kowsika S P and Lathika V., "Performance analysis using web application by Student Information Management System"**, International Conference on Scientific Research and Innovations(ICSRI)1.0, at Chennai Institute of Technology, on 06.04.2018 and 07.04.2018.
67. Poovizhi S., **Monisha H., Nalini S., Parvathy N and Preethi D., "Pesticide Sprayer and Temperature Monitoring Using Drones"**, 3rd international conference on Design, Analysis, Manufacturing and Simulation, at Saveetha School of Engineering College, Saveetha University, Chennai, on 06.04.2018 and 07.04.2018.
68. Sathish Kumar G., **Janani M., Konduru Sowjanya., Lalitha Jyothi M V S and Leela G S., "Control of Furnace Temperature Using IOT"**, International Conference on Scientific Research and Innovations(ICSRI)1.0 at Chennai Institute of Technology, on 06.04.2018 and 07.04.2018.
69. Dr.Gangatharan G and **Rohith Pranav., "Monitoring the Conditions of Induction Motors, Hydraulic Oil Tank Level & Cut length of Sheet Metal using MQIT"**,

International Conference on Scientific Research and Innovation -1.0 (ICSRI) held at Chennai Institute of Technology, on 06.04.2018 and 07.04.2018.

70. **Priya S., "Renewable Electric Cars"**, 2nd National Conference on Data Science and Intelligent Information Technology, Rajalakshmi Institute of Technology, on 06.04.2018 and 07.04.2018.
71. **Sk Hedayath Basha, Vishnu Vardhan P, Kaladhar G, Nagaraj M., "Security For Text Message By Using Elliptical Curve Cryptography"**, International Conference on Scientific Research And Innovation, at Chennai Institute of Technology ,Kancheepuram District , Tamil Nadu, on 06.04.2018 and 07.04.2018.
72. **Priya S., "Renewable Electric Cars"**, National Conference on Information and Communication Engineering, at Sri Sai Ram Institute of Technology, on 18.04.2018.

Staff & Student Activity Co-Ordinator

**S.Sesha Vidhya
ASP/ECE**