



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY CONFERENCE PUBLICATIONS

ACADEMIC YEAR 2018-2019

1. **Babu M., “In depth Survey on SMS4 Architecture”,** IEEE International Conference on Intelligent Computing and Communication for Smart World (I2C2SW 2018), at Kongu Engineering College, Perundurai, on 14.12. 2018 and 15.12 .2018.
2. **Nimitha N.,** Keerthana V., Manesha S., Monisha K N and Nandhini A., **“Automated M-FISH based Chromosome Image Segmentation using Morphological operators”,** International Conference on Contemporary Engineering and Technology, at Prince Sri Venkateshwara Padmavathy Engineering College, on 09.03.2019 and 10.03.2019.
3. **Vijayanandh R.,** Padmajothi G., RamyaBharathi S., Sai Deepika R and Rohini M., **“Low Cost Residential Flow Meter”,** International Conference on Contemporary Engineering and Technology at Organization of Science and Innovative Engineering and technology in association with Prince Shri Venkateshwara Padmavathy Engineering College, on 09.03.2019 and 10.03.2019.
4. **Babu M.,** Swetha A., Thivya J., Vishnupriya G and Yamani V., **“Sensor Based Pothole Detection and Mapping System”,** International Conference on Electronics, Communication and Computing, at Tagore Engineering College on 12.03.2019 and 13.03.2019.
5. **Saranya L.,** Praveen Kumar I., Nizamuthin A., Monish S and Kaki Saichaithanya., **“Bike Crash Detection and Notification”,** National Conference on Recent Innovations in **Advanced** Material Science, at Rajalakshmi Institute of Technology, on 13.03.2019.
6. **Chettiyar 'Vani V.,** Poornachandar A S., Prabhakaran P., Sanjay Kumar R and Santosh Kumar L., **“Hybrid Spectrum Sensing Under PUE Attack Using IED Method”,** National Conference on Recent Innovations in Advanced Material Science, at Rajalakshmi Institute of Technology, on 13.03.2019.

7. **Chettiyar Vani V.**, Praveen Yogeswar R., Mukunthan M., Nallathambi Raja N and Mukku Hemanth Reddy., **“Robust Spectrum Sensing in Cognitive Radio with Dynamic Noise”**, National Conference on Signal Processing, Communication and Networking, at Sri Venkateswara college of Engineering, on 15.03.2019.
8. **Kannagi V.**, Sai Suresh K, Rajesh Kumar S.,Naveen Kumar B. and Mukesh C., **“Non Invasive Blood Level Detection”**, National Conference on Signal Processing, Communication and Networking, at Sri Venkateswara college of Engineering, on 15.03.2019.
9. **Jaiganesh S.**, Santhiya S., Shanmuga Priya S and Shubhashini J., **“Smart Driver Alerting System and in-Vehicle Health Monitoring for Preventing Road Accidents”**, National Conference on Advanced Materials, Robotics and Automation (CAMRA-2019), at Bannari Amman Institute of Technology, Erode, on 15.03.2019 and 16.03.2019.
10. **Babu M.**, Shanmathi preetha P., Shema S., Sivaranjini S and Yuvasri., **“Vehicle horn counting system using IoT”**, National Conference on Advanced Materials, Robotics and Automation (CAMRA-2019), at Bannari Amman Institute of Technology, on 15.03.2019 and 16.03.2019.
11. **Saranya L.**, Kaushika G., Kavitha S., Mahinsultana S and Maithreyee U., **“Locomotive Track Defect Locator for Railways”**, International Conference on Advance Trends in Computer Science and Information Technology, at JSPM’s Rajarshi Shahu College of Engineering, Pune, on 15.03.2019 and 16.03.2019.
12. **Sathyaraj P.**, Nikithaa V H., Priyanka Devi P and Rajalakshmi R., **“An optical Resource Allocation strategy handling Real time D2D communication for MANETs”**, International Conference on Emerging Trends in Computer Electrical and Electronics, at Alpha College of Engineering, on 17.03.2019.
13. **Kannan K.**, Jayanth Kumar N., Maneesh Reddy K., Sairam Reddy M and Sai Sandeep Reddy M., **“Vehicle to Vehicle communication using LI-FI, WI-FI Black Box”**, International Conference on Emerging Trends in Computer Electrical and Electronics, at Alpha college of engineering, on 17.03.2019.

14. **Sesha Vidhya S.**, Nivedha Shree S V., Nowshith Parveen N and Priya S., **“Design of Metamaterial based UWB Slot Antenna for Wireless Body Area Network”**, International Conference on Advances in Medical and Industrial Biotechnology, at Satyabhama Institute of Science and Technology, from 20.03.2019 to 22.03.2019.
15. **Sesha Vidhya S.**, Akshaya D., Anu Varshini N., and Divya Dharshini K R., **“Implementation of UWB Microstrip Patch Antenna with EBG structure”**, International Conference on Information, Embedded and Communication systems, at St. Joseph College of Engineering, on 22.03.2019.
16. **Karthikeyan C.**, Sowmiya L., Sheeba E., Sreeja A and Dimple Priyanka V., **"Pedestrian Safety Device in Automobiles"**, 2nd International conference on Information Embedded and Communication Systems (ICIECS 2019), at St. Joseph Engineering College, on 22.03.2019.
17. **Babu M.**, Araveti Rupesh., Abhishek K., Dinesh Kumar M and Govindasamy V., **“Airport Baggage Tracking using Bluetooth Low Energy Tag”**, International Conference on Recent Advances in Computer, Electrical, Electronics, Civil and Mechanical Engineering, at Ranganathan Engineering College, on 22.03.2019.
18. **Dhivya K.**, Mahalakshmi M., Kohila T. and Lokanayagi A., **“Peer Discovery Mechanism for D2D Communication”**, International Conference on Information, Embedded and Communication Systems, at St. Joseph Engineering College, Chennai, on 22.03.2019.
19. **Sathyaraj P.**, Harita J., Yamini Harika., Mohana Priya G and Mohaneshwari J., **“A Hybrid Energy Efficient Trust Model for Analysis of pocket loss in MANETs”**, International Conference on Information, Embedded and Communication Systems, at St. Joseph Engineering College, Chennai, on 22.03.2019.
20. **Sangeethalakshmi K.**, Ramya M S., Saroja S., Shahira Banu A and Shamini P., **“Performance Analysis of Meandered Line Frequency Selective Surface for Window RF Shielding”**, International Conference on Information, Embedded and Communication Systems (ICIECS 2019) at St. Joseph Engineering College, Chennai, on 22.03.2019.
21. **Sangeethalakshmi K.**, Annie Terencia J., Chaithanya K., Dhanalakshmi M and Dhivya N., **“Design and analysis of low power CMOS flip-flop for data path circuit”**, International Conference on Information, Embedded And Communication Systems(ICIECS-2019) at St. Joseph College of Engineering on 22.03.2019.

22. **Deepa D.**, Mahalakshmi R., Monica P and Monisha V S., **“Design of an IoT Approach for Security Surveillance System”**, International Conference on Innovations in communication, computing and Instrumentation, at Easwari Engineering College, on 23.03.2019.
23. **Ciyamala Kushbu S.**, Sravan Kumar S., Prem V., Preetham V and Ravi Prasath J., **“Cardiac Segmentation and Diagnosis Using Machine Learning”**, at R.M.K Engineering College, on 25.03.2019.
24. **Shaik Hedayath Basha.**, Sreenivasulu D., Varun kumar reddy D., Dileep G and Palavakam Manoj Kumar., **“Face Recognition using Multiple Cameras”**, International Conference on Cyber Physical Systems, at R.M.K Engineering College, on 25.03.2019.
25. **Arun C.**, Swathy R and Shwetha M, **“Water Quality Monitoring Using Sensor Network and IoT Module”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 01.04.2019 and 02.04.2019.
26. **Aishwarya N.**, Praveena B., Sai Vineesha., Chithra V and Sai Sreya D., **“Infrared and Visible Images Fusion Using Object Region Detection and DWT”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 01.04.2019 and 02.04.2019.
27. **Rajagopal C.**, Mohana Krishnan B., Chella Pillai and Syed Khaja Moinuddin A., **“Bus Slection For Blind People Using NODEMCU”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 01.04.2019 and 02.04.2019.
28. **Inbamalar T M.**, Adarsh S., Ankush Sharma., Logesh V and Maharaja T., **“Advanced Vehicle Information system for Driver Behavior Analysis”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
29. **Inbamalar T M.**, Arundhathi B., Davilluru Charishma and Abishag Deva Kirubai A., **“Non-Invasive Diagnosis of Liver Tumor Using Image Processing Techniques”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.

30. **Arun C.**, Nimitha N., Sukavanniya J., Vijayalakshmi S., Sheba M and Sangeetha P., **“Classification of Overlapping Chromosome Using K-Nearest Neighbor”**, National Conference on Information and Communication Technologies (NCICT-2019) at SSN College of Engineering, Chennai, on 02.04.2019.
31. **Karthikeyan C.**, John Preetham A., Girish S., Gokul H and Karthikraj Srikanth., **“Robust Traffic Controlling and Monitoring System using CCTV Audio and Image Processing”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
32. **Ciyamala Kushbu S.**, Catherine Rathi Devapriya., Dhanya D., Aarthimai R P., and Aishwarya M., **“Left Ventricular Hypertrophy and Dilated Cardiomyopathy Prognosis Using Neural Networks”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 01.04.2019 and 02.04.2019.
33. **Jaiganesh S.**, Karthik Raja S.,Vignesh M., Manikandan B and Jayasurya J V., **“Truck Weighing Based on the Suspension of the Vehicle”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
34. **Manju M.**, Aishwarya V., Aswathy M and Bhuvanewari V., **“Augmented Reality based drivers call and message alert system”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
35. **Indumathy T.**, Balaji.K., Hariharan J., Harishwar J., and Sajit Y., **“Indication of cancer and Identification of Brain Metastases using Region Growth Algorithm”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
36. **Indumathy T.**, Abilash A., Ashwin M., Baskaran K and Dinesh Kumar S., **“Reliable Transmission of Sensor Data through Visible Light Communication”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.

37. **Muthumanickam S.**, Sundaram T., Vignesh Kumar R., Vincent Vinoth Raj S and Yashwanth B., **“Enhancement of MPEG-4 Compression Technique and its Standards”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
38. **Muthumanickam S.**, Manikandan N C V., Parthasarathi P., Nidhish M and Ravuri Bharath., **“FPGA implementation of Robust Video Water marking using DWT technique”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
39. **Praveena N G.**, Ajilincia Jane Roses V.K., Alagu Bakya Lakshmi P., Apoorva R and Elavarasi K.V., **“Photobook Creation using Face Recognition and Deep Learning”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
40. **Shanthi K G.**, Asha Rani A., Gomathi M., Henna Kausar M and Ishwariya M., **“A smart Helmet for Mining Industry”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
41. **Inbamalar T M.**, Jayakrishnan V S., Jayashree T and Jayashree D, **“An Improved Method for detection of Laryngeal Tumor”**, 4th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2019), at ARTTC, BSNL, Ranchi, Jharkhand, on 11.05.2019 and 12.05.2019.
42. **Chettiyar Vani V.**, **“Spectrum Sensing in cognitive Radio with SNR Wall Estimation”**, 4th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2019), at ARTTC, BSNL, Ranchi, Jharkhand, on 11.05.2019 and 12.05.2019.