



RMK COLLEGE OF ENGINEERING AND TECHNOLOGY



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



RMK COLLEGE OF ENGINEERING AND TECHNOLOGY
R.S.M Nagar, Pudukkottai-601206.



Department of Electronics and Communication Engineering

Vision:

To excel in the field of Electronics and Communication Engineering to contribute to the knowledge economy and betterment of human life.

Mission:

- To develop the state-of-the-art infrastructure for quality education.
- To build up a team striving for excellence in teaching and research.
- To ensure greater research collaborations with industries and organizations.
- To strengthen social responsibilities and values.

Program Outcomes (POs):

Engineering Graduates will be able to:

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet

the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage independent and life-long learning in the broadest context of technological change.

Program Educational Objectives (PEOs):

Graduates of Electronics and Communication Engineering program will

PEO1: Excel in their professional and technical career and pursue higher education to be Globally competent

PEO2: Evaluate the real world problems and provide with technically feasible and economically viable solutions

PEO3: Continuously update technologies through lifelong learning

PEO4: Exhibit effective communication skills and professionalism in diverse environments

Program Specific Outcomes (PSOs):

After successful completion of the B.E degree program, the graduates will be able to

PSO1: Develop and test electronic systems for given specifications

PSO2: Design and analyze the signal processing systems as per the requirements

PSO3: Apply appropriate technology for the implementation of modern communication systems

JAN-JUNE 2019

TECHNICAL PRESENTATION:

- The Technical Presentation on "Smart India Hackathon and Latest Developments in ECE and Allied branches", by II,III and final year students, Technical Seminar on "IoT and Applications", by **Mr. Rajagopal R.**, Assistant Professor and also Technical Presentation on "RF Radiation Hazards And Solutions", by **Mr.Muthumanickam S.**, Associate Professor were conducted on 05.01.2019, 12.01.2019, 02.02.2019 and 22.02.2019.



NATIONAL CONFERENCE:

- The Department Conducted Eighth National Conference on "Recent Advancements in Signal Processing and Communication (NCRASPC - 2019)", on 11.2.2019. It was inaugurated by the Chief Guest **Dr. R. Velraj**, Professor, Anna University, Chennai.



TECHNICAL EVENT:

- Department of ECE Organized "Snake and Ladder 2.0 - Gaming Event (An Aptitude Contest)" for Second year and Third year ECE students on 13.02.2019 and 14.02.2019 .



NATIONAL LEVEL WORKSHOP:

- The Department organized the two days Workshop on "Machine learning using R Programming", by Mr.Srinivasan T., Founder and Chief Executive Officer, Glosys Technology Solutions Pvt. Ltd., from 15.02.2019 to 16.02.2019.



- IET Sponsored Workshop on "Partial Reconfiguration flow using Xilinx VIVADO Design Suite and ZYNQ board", by Mr.Balachandar H., Coral Technologies, Bangalore, on 11.03.2019.



ORIENTATION PROGRAM:

- The Department conducted "Orientation Program" to all the ECE students to improve the awareness for their future Endeavour and Impact of Outcome Based Education by HoD, Principal and Year Coordinators, on 27.06.2019.



- **Mr. Rajiv P.**, Alumni, working in Canada presented about the **Higher Education Process in Canada and IELTS Examination Pattern**, as a part of Orientation Program, on 27.06.2019.



INDUSTRIAL VISITS:

1. II Year A,B,C and D section students visited "**Tamilnadu Science and Technology Centre**", Chennai, on 30.01.2019.
2. III Year A,B and C section students visited "**National Institute of Ocean Technology**", Pallikaranai, on 04.01.2019.
3. IV Year A,B and C section students visited "**Ennore Port**", Ennore, on 04.01.2019.

INPLANT TRAINING:

1. **Gattu Bindhu.**, of III year underwent In-plant training, at **Human Resources Development Division**, from 11.01.2019 to 21.01.2019.
2. **Sathish R., Pramod J., Pravin Kumar K., Raghav Anirud., Raghul R., Sasi Kumar T., Sai Jithender R., Shantha kumar V., Sandhiya K., Vishali G., Vikraman R and Thanuja M.**, of II year underwent In-plant training, at **Hewlett Packard**, from 08.04.2019 to 10.04.2019.
3. **Madhumitha V.**, of II year underwent Internship, at **Devcare Solutions**, from 08.04.2019 to 12.04.2019.
4. **Madhumitha S and Sankara Eshwari.**, of II year underwent Internship, at **ORBIT Edutech Pvt.Ltd** , from 23.05.2019 to 31.05.2019.
5. **Rajalakshme R., Pragadeeswari R and Yogalakshmi C.**, of II year underwent In-plant training and Internship, at **Kashiv Infotech**, from 26.05.2019 to 30.05.2019.
6. **Pavan Kumar R.**, of II year underwent In-plant training, at **JP Infotech**, from 30.05.2019 to 01.06.2019.
7. **Nagamangalam Sai Prasuna.**, of II year underwent In-plant training, at **Bharat Sanchar Nigam Limited**, from 03.06.2019 to 07.06.2019.
8. **Sirasambeti Himaja.**, of II year underwent In-plant training, at **Human Resources Development Division**, from 03.06.2019 to 07.06.2019.
9. **Vishakha K.**, of II year underwent In-plant training, at **Pricol Engineering Industries Limited**, from 03.06.2019 to 07.06.2019.

10. **Arrabhumi Pawan Kalyan., Soma Hemanth and Vakati Sohith Reddy.,** of II year underwent Internship, at **Pantech Solutions,** from 03.06.2019-07.06.2019.
11. **Induja S.,** of II year underwent In-plant training, at **Southern railway,** from 03.06.2019 to 08.06.2019.
12. **Divya P L.,Aarthi J.,Pavithra P.,Keerthana S and Sandhiya J.,** of II year underwent Internship, at **Troios Technologies Pvt.Ltd,** from 05.06.2019 to 10.06.2019.
13. **Narmatha A and Mahakamakshi J.,** of II year underwent Internship, at **Troios Technologies Pvt.Ltd,** from 06.06.2019 to 11.06.2019.
14. **Monica C., Mavilla Madhuri., Sree Lakshmi Dega., Puneti Ramyasri., Yarava Vijitha.,Yagateela Bharath Kalyan., Vemanaboina Varshitha and Vakiri Manaswini.,** of II year underwent In-plant training, at **Uniq Technologies,** from 07.06.2019 to 11.06.2019.
15. **Monisha H.,** of II year underwent In-plant training, at **Oneyes Technologies,** from 10.06.2019 to 14.06.2019.
16. **Vishnusripriya V D.,** of II year underwent In-plant training, at **Greaves,** from 11.06.2019 to 14.06.2019.

17. **Madhumitha V.,** of II year underwent In-plant training, at **Uniq Technologies,** from 11.06.2019 to 15.06.2019.

STUDENT ACTIVITIES:

Awards/Honours Received By Student:

- **Ankush Sharma R., Adarsh S., Logesh V and Maharaja T.,** of Final year students have received **Best Innovation Award** from Formula Imperial ISIE in the event Hybrid Vehicle Competition, at Galgotia University, Noida, from 04.02.2019 to 11.02.2019.



- **Ankush Sharma R., Adarsh S., Logesh V and Maharaja T.**, of Final year students have received **Best Design Award and Best Spirit Award**, from Formula Imperial ISIE in the event Champions of Champions, at K.L University ,Vijayawada ,from 22.02.2019 to 25.02.2019.



PAPER PUBLISHED IN

CONFERENCE:

1. 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, from 09.03.2019 to 10.03.2019.
2. VijayAnandh R., **Padmajothi G., RamyaBharathi S., Sai Deepika R and Rohini M.**, "Low Cost Residential Flow Meter", ICCET International Conference on "Contemporary Engineering and Technology-2019" at Organization of Science and Innovative Engineering and Technology(OSIET) ,at Prince Sri Venkateshwara Padmavathy Engineering College, on 09.03.2019 and 10.03.2019.
3. Babu M., **Swetha A., Thivya J., Vishnupriya G and V. Yamani**, "Sensor Based Pothole Detection And Mapping System", 3rd International Conference on Electronics, Communication and Computing (ICECC-2019), at Tagore Engineering College, on 12.03.2019 and 13.03.2019.
4. 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.
5. 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.
6. Ms.Kannagi V., **SaiSuresh K., Rajesh Kumar S., Naveen Kumar B and Mukesh C.**, “Non Invasive Blood Level Glucose Detection”, National Conference on Signal Processing, Communication and Networking, at Sri Venkateswara College of Engineering, on 15.03.2019.

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. Vijay Anand R., **Kavya K S., Kaviya S R and Malathi S., "Automated Detection and Segregation of Bio Degradable and non Bio Degradable waste"**, International conference on Advance Trends in Computer Science and Information Technology, at JSPM's Rajarshi Shahu College of Engineering, Pune, from 15.03.2019 to 16.03.2019.
9. 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, from 15.03.2019 to 16.03.2019.
10. Jai Ganesh S., **Santhiya S., Shanmuga Priya S and Shubhashini J., "Smart Driver Alerting System and in-Vehicle Health Monitoring for Preventing Road Accidents"**, National Level Conference on Advanced Materials, Robotics and Automation (CAMRA-2019), at Bannari Amman Institute of Technology, Erode, on 15.03.2019 and 16.03.2019.
11. Babu M., **Swetha A., Thivya J., Vishnupriya G and Yamani V., "Smart pothole detection and alerting system"**, 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.
12. Babu M., **Shanmathi preetha P., Shema S., Sivaranjini S and S.Yuvasri, "Vehicle Horn Counting System Using IoT"**, 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.
13. **Yamini S., Shobana R., Sushma S and Pragna S., "Student Attendance Management Using Cloud System"**, (ICRDET2019) International Conference on Recent Developments in Engineering Management Science and Technology, at Dhaanish Ahmed College of Engineering, Chennai, on 16.03.2019.
14. 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.
15. 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.
16. Sessa 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 Sathyabama Institute of Science and Technology, from 20.03.2019 to 22.03.2019.

17. 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", 2nd International Conference on Information, Embedded and Communication Systems(ICIECS-2019), at St. Joseph College of Engineering ,on 22.03.2019.
18. Babu M., **Araveti Rupesh., Abhishek K V., 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.
19. Sessa 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.Josheph College of Engineering, on 22.03.2019.
20. 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 College of Engineering, on 22.03.2019.
21. 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 College of Engineering, on 22.03.2019.
22. 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", 2nd International Conference on Information, Embedded and Communication Systems (ICIECS 2019), at St. Joseph Engineering College, Chennai, on 22.03.2019.
23. Sowmiya L., **Sheeba E and 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, Chennai, on 22.03.2019.
24. 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.
25. Ciymala Kushbu S., **Sravan Kumar S., Prem V.V., Preetham V.V and Ravi Prasath J.**, "Cardiac Segmentation and Diagnosis Using Machine Learning", International Conference on Cyber Physical Systems, at R.M.K. Engineering College, Chennai, on 25.03.2019.
26. 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 RMK Engineering College, on 25.03.2019.
27. Dr.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 Informational and Communication Technology, at SSN College of Engineering, on 02.04.2019.

28. 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 Informational and Communication Technology, at SSN College of Engineering, on 02.04.2019.
29. Dr. Shanthi K G., **Asha Rani A., Gomathi M., Henna Kausar M and Ishwariya M.,** "A Smart Helmet for Mining Industry", National Conference on Informational and Communication Technology, at SSN College of Engineering, on 02.04.2019.
30. Dr.Inbamalar T M., **Adarsh S., Ankush Sharma, Logesh V and Maharaja T.,** "Advanced Vehicle Information system for Driver Behaviour Analysis", National Conference on Informational and Communication Technology, at SSN College of Engineering, on 02.04.2019.
31. Dr. Shanthi K G., **Aishwarya S., Deepika S.,Deeptha R and Durga S.,** "Smart Trolley with Automatic billing Using RF-ID and ZIGBEE ", National Conference on Information and Communication Technology, at SSN College of Engineering, on 02.04.2019.
32. Dhivya K., **Elayazhini E., Gayathri G., Goli Sai Swetha, Gurulakshmi V.,** "Efficient mode Selection and Resource Allocation in D2D Environment", National Conference on Information and Communication Technology, at SSN College of Engineering, on 02.04.2019.
33. Manju M., **Aishwarya V., Aswathy M, Bhuvanewari V.,** "Augmented Reality based drivers call and message alert system", National Conference on Information and Communication Technology, at SSN College of Engineering, on 02.04.2019.
34. Karthikeyan C., **John Preetham A.,Girish S.,Gokul H., Karthikraj Srikanth.,** "Robust Traffic Controlling and Monitoring System using CCTV, Audio and Image Processing", National Conference on Information and Communication Technology, at SSN College of Engineering, on 02.04.2019.
35. Indumathy T., **Abilash A., Ashwin M., Baskaran K., Dinesh kumar S.,** "Reliable Transmission of Sensor Data Through Visible Light Communication", National Conference on Information and Communication Technology, at SSN College of Engineering, on 02.04.2019.
36. Indumathy T., **Balaji K., Hariharan J., Harishwar J.,Sajit Y.,** "Indication of Cancer And Identification Of Brain Metastases Using Region Growth Algorithm", National Conference on Informational and Communication Technology, at SSN College of Engineering, on 02.04.2019.
37. Dr. Praveena N G., **Ajilincia Jane Roses V K., Alagu Bakya Lakshmi P., Apoorva R and Elavarasi KV.,** "Photobook Creation using Face Recognition and Deep learning", National Conference on Information and Communication Technology, at SSN College of Engineering, on 02.04.2019.
38. Aishwarya N., **Praveena B., Sai Vineesha C.,Chithra V and Sai Sreya D.,** "Infrared and Visible Images Fusion Using Object Region Detection and DWT", National Conference on Information and Communication Technology, at SSN College of Engineering, on 02.04.2019.
39. 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 Technology, at SSN College of Engineering, on 02.04.2019.
40. 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 Technology, at SSN College of Engineering, on 02.04.2019.
 41. **Thirumalai B., Vignesh G., Vignesh Kumar V and Yogesh Raj C.,** “**Pollution Free Power Generation From Vertical Axis Wind Turbine And Single Axis Solar Tracker**”, NCICT National Conference on Information and Communication Technologies 2019, at SSN College of Engineering, Chennai, on 02.04.2019.
 42. **Tarun S K., Suresh K L., Vignesh S and Vijai Arivarasan K D K.,** “**Automatic Railway Level Crossing System**”, NCICT National Conference on Information and Communication Technologies 2019, at SSN College of Engineering, Chennai, on 02.04.2019.
 43. Muthumanickam S., **Sundarram T., Vignesh Kumar R., Vincent Vinoth Raj S., and Yashwanth B.,** “**Enhancement of MPEG-4 Compression Technique and its Standards**”, NCICT National Conference on Information and Communication Technologies 2019, at SSN College of Engineering, Chennai, on 02.04.2019.
 44. Dr 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.
 45. RajaGopal C., **Mohana Krishnan B., Chella Pillai and Syed Khaja Moinuddin A.,** “**Bus Section For Blind People Using NODEMCU**”, National Conference on Informational and Communication Technology, at SSN College of Engineering, on 02.04.2019.
 46. Dr. Inbamalar T M., **Jayakrishnan V S., Jayashre T., Jayashree D.,** “**An Improved Method for detection of Laryngeal Tumour**”, 4th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2019), at ARTTC, BSNL, Ranchi, Jharkhand, on 11.05.2019 and 12.05.2019.

STUDENT ACTIVITY (ACADEMIC- In Symposium, Workshop & Training- Participated)

1. **Keerthana S.,** of II year attended “**Entrepreneurship Awareness Camp on Digital Marketing**”, at RMKCET, from 10.01.2019 to 12.01.2019.
2. **Gayathri D., Aishwaryashri R., Sowmya D., Tamilarasi S.,** of III year attended Workshop on “**Internet of things**”, at IIT, Madras, from 12.01.2019 to 13.01.2019.
3. **Abirami PL., Evangelin S and Priya S G.,** of III year Presented Paper on “**IOT in farming with 5G Network**”, at L&T Technology services, TECHGIUM, Ramapuram, Chennai, on 30.01.2019.
4. **Pratheep K., Ram Aravind U., Dinesh Raj N and Divakar M.,** of II year attended Symposium in “**ENANTRA 3.0**”, at Anna University Chennai, on 08.02.2019.
5. **Nivedhitha M., Nisha E., Sangeetha K and Saranya R.,** of III year attended Workshop on “**Machine Learning and Deep Learning**”, at Anna University, Chennai, from 08.02.2019 to 09.02.2019.

6. **Sirasanambedi Himaja., Y.Chaithanya., Vemanaboina Varshitha., Yogalakshmi.C., Vakati Sohith Reddy., Nisha. P., Vijitha Yarava., Madhumitha.V., Elakiya.E., N.DineshRaj., Kotishree.Y., P. L. Divya., Sandhiya J., Monisha.H., Vignesh K., BharathDeva., Sasaank Sreeramaneni., Punuru Bhanu Prakash Reddy and Soma Hemanth.,** of II year TEAM - I participated in **"Snake And Ladder Contest"**, at RMKCET, from 13.02.2019 to 14.02.2019.
7. **Puneti Ramyasri., Seemalamudi Rushitha., Vakiri Manaswini., Srinitha S., Yagateela Bharath Kalyan., Nandhini Devi G., Krishna Geethika Pindiboyina.,Induja S., Bhuvanewari B., M.Divakar., Keerthana P., KeerthanaS., Samyudha S., Keertana B.,Vadiveelan D., Arunmozhiselvan T., Sai Rahul Kartheek Gunturu., Preetham S and Balaji Naidu A.,** of II year TEAM - II participated in **"Snake And Ladder Contest"**, at RMKCET, from 13.02.2019 to 14.02.2019.
8. **Devipriya G., Lakshmipraba P., Suganyaa Sree A B., Jaisree S M., Manisha G., Reshma R., Rajalakshmi B., Sri Sravani V., Swetha S., Sravani U., Balaji K R., Srilekha G D., Dhanush Adithyan P R., Astle Rose T., Bharathiprasad M., Bhavaharini S and Abirami P.L.,** of III year TEAM - I participated in **"Snake and Ladder Contest"**, at RMKCET, from 13.02.2019 to 14.02.2019.
9. **Aishwarya S.S., Maalavi A S., Poojitha S., Mallavaram Gowripriya Reddy., Manisha A., Lokeshwari R., Rizwana Begam B., Sowmiya T G., SyedAliFathima M.,Sowmya D., Aswin P., Arthy V., Hari Hara Sudhan P., CherukuriEaswar M., Aravindkkumar N., Evangelin S and Abirami R.,** of III year TEAM - II participated in **"Snake and Ladder Contest"**, at RMKCET, from 13.02.2019 to 14.02.2019.
10. **RamyaChitra M and Preethi U.,** of II year attended Workshop on **"Self Driving Cars - AI & ML Mastery"**, at Anna University, Chennai ,from 13.02.2019 to 17.02.2019.
11. **Teekaram V., Vishnu N., Vishnu C and Vinodh Kumar R.,** of III year attended Symposium (KURUKSHETRA '19) in **"International Techno-Management"**, at Anna University, Chennai, from 13.02.2019 to 17.02.2019.
12. **Sundara Priyadharshini G and Sharmila S.,** of III year attended Workshop on **"Soft Sensing and Advanced Control by Caterpillar"**, at College of Engineering ,Anna University, Chennai, from 13.02.2019 to 17.02.2019.
13. **Sri Sravani V., Swetha S., Sravani U., Syed Ali Fathima M., Sowmiya T G., Arthy V., Suganya Sree A B., Srilekha G D and Poojitha S.,** of III year attended Workshop on **"Python Analytics"**,at M.O.P. Vaishnav College for Women, Chennai, from 15.02.2019 to 16.02.2019.
14. **Balaji Naidu A., Vadiveelan D., Murugan J., Nagamangalam Sai Prasuna., Soma Hemanth., Preetham S., Yagnavajjula Likhitha., Suman R., Yashwanth Raj and Vishvajit P V.,** of II year attended workshop on **"Machine Learning using R Programming"**, at RMKCET, from 15.02.2019 to 16.02.2019.
15. **Naveen Kumar B., Rahini S., Lalith Babu I., Nishanth P., Pothuri Krishna Sai Avinash., Ponaka Sai Srinivas Reddy., Vayugundla Sujith and Yashwanth K.,** of II year attended workshop on **"Machine Learning using R Programming"**, at RMKCET, from 15.02.2019 to 16.02.2019.

16. **Vishnupriya G.**, of IV year attended workshop on **"Machine Learning using R Programming"**, at RMKCET, from 15.02.2019 to 16.02.2019.
17. **Lavanya L and Hemachithra V.**, of III year participated **"Project Expo in Level 3 of NAVRACHANA- Innovative Project Expo"**, at LIVEWire, on 15.02.2019.
18. **Yamini Krishna M., Shamala Devi G., Yuvashree V and Viswa Prasanna M.**, of III year participated Project Design Contest in **"Automatic Railway Safety Systems"**, at Prathyusha Engineering College, Chennai, on 18.02.2019.
19. **Priya S G., Evangelin S., Abirami PL., Balaji K R., Astle Rose T., Easwar M., Priyanka S and Vishali G .**, of III year participated in **"ANDROID App Development"**, at Prathyusha Engineering College, Chennai ,from 21.02.2019 to 22.02.2019.
20. **Aarthi S., Aiswarya S S., Hema Darshini H., Aakash S., Bhavaharini S., Mounika V and Virushni R.**, of III year participated in Symposium in **"Paper presentation"** at Chennai Institute of Technology, from 21.02.2019 to 23.02.2019.
21. **Mohammed Imran Z., Nikhil Shivanand K., Syed Ali Fathima M., Sri SravaniV., Sravani U., Swetha S., Vinisha S and Nivya B R.**, of III year participated Symposium(ELECSA 2K19) in **"Hands on Experience on IoT"**, at SRM Institute of Science and Technology, Ramapuram, on 06.03.2019.
22. **Raghul D and Sridhar S G.**, of III year Participated in Symposium(BOOMTRONIX 2K19) in the event **"Tech Quiz, Tech Relay and Link it"**, at Meenakshi College of Engineering and Technology, Chennai, on 06.03.2019.
23. **Prasanth S R and Teekaram V.**, of III Year Participated in Symposium (BOOMTRONIX 2K19) in the event **"Tech Quiz, Tech Relay"**, at Meenakshi College of Engineering and Technology, Chennai, on 06.03.2019.
24. **Sridhar A.**, of III Year Participated in Symposium(BOOMTRONIX 2K19) in the event **"Tech Quiz"**, at Meenakshi College of Engineering and Technology, Chennai, on 06.03.2019.
25. **Nivedhitha M and Lavanya L.**, of III year participated in Symposium(CONFIGURE 2K19) in the event **"Code Master"**, at Rajalakshmi Institute of Technology, Chennai ,on 08.03.2019.
26. **Nisha E.**, of III year participated in Symposium(CONFIGURE 2K19), in the event **"Brain Boggle"**, at Rajalakshmi Institute of Technology, Chennai ,on 08.03.2019.
27. **Swetha A.**, of IV year attended Workshop on **"Computer Vision (Image Processing)"**, at Madras Institute of Technology ,Anna University, Chennai, from 08.03.2019 to 09.03.2019.
28. **Keerthana S.**, of II year attended Workshop on **"Arduino Based Microcontroller for Various Engineering"**, at SRM Institute of Science and Technology, Ramapuram, from 29.03.2019 to 30.03.2019.
29. **Pragadeeswari R and Rajalakshme R.**, of II year attended Workshop on **"Digital Marketing"**, Wikitechy, Chennai, on 30.05.2019.
30. **Mavilla Madhuri., Monica C and Dega Sree Lakshmi.**, of II year attended Workshop on **"ANDROID App Development"**, at Uniq Technologies, Chennai, on 07.06.2019.
31. **Yashwanth Raj.**, of II year attended Online Course on CNC Machine Arduino, at Skyfi, Chennai, on 10.06.2019.

32. **Yagateela Bharath Kalyan., Puneti Ramyasri., Yarava Vijitha., Vemanaboina Varshitha., Vakiri Manaswini and Madhumitha V.,** of II year attended Workshop on **"ANDROID App Development"**, at Uniq Technologies, Chennai, on 15.06.2019.
33. **Yashwanth Raj.,** of II year attended Online Course on Surveillance Robot, Robotic Arm, at Skyfi, Chennai, on 15.06.2019.

**STUDENTS ACTIVITY (ACADEMIC-
Laurels Won):**

1. **Sri Sravani V., Sowmiya T.G., Bharath D and Arunmozhiselvan T.,** of II & III year participated in **"Snake And Ladder Contest"** and **won Winner Prize**, at RMKCET, from 13.02.2019 to 14.02.2019.
2. **Balaji K R., Aswin P., Vijitha Yarava and Krishna Geethika Pindiboyina.,** of II & III year participated in **"Snake And Ladder Contest"** and **won 1st Runner Prize**, at RMKCET, from 13.02.2019 to 14.02.2019.
3. **Dhanush Adithyan P R., Hari Hara Sudhan P., Himaja S and Puneti Ramyasri.,** of II & III year participated in **"Snake And Ladder Contest"** and won **2nd Runner Prize**, at RMKCET, from 13.02.2019 to 14.02.2019.
4. **Yashwin Kumar H.,** of III year attended **"Stress Interview KURUKSHETRA '19"** and **won III Prize**, at Anna University, Chennai, from 13.02.2019 to 17.02.2019.
5. **Rohit Kumar R., Sakthivel G., Senthil A., Abirami PL., Evangelin S and Priya S G.,** of III year Participated **"Software Edition Grand Finale Smart India Hackathon",2019**, at NIT, Tiruchirapalli , from 02.03.2019 to 03.03.2019.
6. **Aravetti Rupesh., Abilash A., Arundhati B., Dhanya D and Parthasarathi P.,** of IV year and Prem Kumar M R., of III year Participated in **"Software Edition Grand**

Finale Smart India Hackathon",2019, at NIT, Calicut, Kerala, from 02.03.2019 to 03.03.2019.

7. **Vishnu C., Kiran R., Sridhar S G., Saranya R., Naresh Kumar K.,** of III year and **Santhiya S.,** of IV year Participated in **"Software Edition Grand Finale Smart India Hackathon", 2019**, at IIT, KHARAGPUR , from 02.03.2019 to 03.03.2019.
8. **Vinodh Kumar R.,Prasanth S R and Teekaram V.,** of III Year Participated in Symposium(BOOMTRONIX 2K19) in the event **" Link IT"** and **won II Prize** ,at Meenakshi College of Engineering and Technology, Chennai, on 06.03.2019.
9. **Yashwin Kumar H., Ravi Shankar and Sharvesh.,** of III year participated in **"Photography Contest"** ,and **won Runner Prize**, at Vel Tech Engineering College, on 09.03.2019.

**ATTENDED SEMINAR,
WORKSHOP ,TRAINING &
FDP:**

1. **Ms. Manju M., Asst. Prof.,** Five days FDP on **"Reference Management and knowledge organization and Journal Writing"**, at AMS College, Chennai, from 07.01.2019 to 11.01.2019.
2. **Dr.Arun C., Prof., Dr.Inbamalar T M., Prof., Dr. Shanthi K G., Prof., Dr.Praveena N G., Assoc. Prof., Mr.Vijayanandh R., Asst.Prof., Ms. Manju M., Asst. Prof., Mr. Sathyaraj P., Asst.Prof., Ms. Dhivya K., Asst.Prof., Ms.Aishwarya N., Asst. Prof and Dr. Deepa D., Asst.Prof.,** attended NPTEL-AICTE FDP on **"Effective Engineering**

- Teaching in Practice", from January 2019 to February 2019.
3. **Ms. Ciyamalakushbu S., Asst.Prof.**, attended NPTEL-AICTE FDP on "Computer Architecture and Organization", from January 2019 to February 2019.
 4. **Mr. Kannan K., Asst.Prof.**, attended FDP on "Deep Learning", at SRMIT, from 27.05.2019 to 29.05.2019.
 5. **Dr.Inbamalar T M., Prof., Dr. Shanthi K G., Prof., Dr.Praveena N G Assoc. Prof., Ms.Kannagi V., Assoc. Prof., Ms. Sesha vidhya S., Assoc. Prof., Mr.Vijay Anandh R., Assoc. Prof., Mr. Kannan K., Asst.Prof., Ms. Chettiyar Vani Vivekanand., Asst.Prof., Ms. Nimitha N., Asst.Prof., Mr. Shaik Hedayath Basha., Asst.Prof., Ms.Ciyamala Kushbu S., Asst Prof., Ms. Aishwarya N., Asst Prof. and Dr.Deepa D., Asst.Prof.**, attended three days FDP on "Student Psychology", by NITTTR, at RMKCET, from 17.06.2019 to 19.06.2019.
 6. **Mr. Sathyaraj P., Asst.Prof., Ms.Rajalakshmi S., Asst.Prof., Ms.Sivalakshmi P., Asst. Prof., Ms.Bharatha Sreeja G., Asst. Prof and Ms. Jasmine Vijithra A., Asst. Prof.**, attended three days FDP on "Outcome based Education and Accreditation Process", at RMKCET, from 17.06.2019 to 19.06.2019.
 7. **Mr. Muthumanikam S, Assoc. Prof.**, served as Mentor in "SMART INDIA HACKATHON (Software Edition), 2019", at NIT-Calicut, on 02.03.2019 and 03.03.2019.
 8. **Mr. Sathyaraj P., Asst.Prof.**, served as Mentor in "SMART INDIA HACKATHON (Software Edition), 2019", at NIT-Trichy, on 02.03.2019 and 03.03.2019.
 9. **Mr. Babu M., Asst.Prof.**, served as Mentor in "SMART INDIA HACKATHON (Software Edition), 2019", at IIT-Kanpur, on 02.03.2019 and 03.03.2019.
 10. **Ms. Chettiyar Vani Vivekanand., Asst.Prof.**, attended a training programme on "URKUND: Plagiarism Detection Service", at Anna University, Chennai, on 03.04.2019.
 11. **Mr. Sathyaraj P., Asst.Prof.**, attended a workshop on "Deep Learning Using Tensor Flow", at VIT-Chennai on 16.02.2019.
 12. **Mr. Muthumanikam S, Assoc. Prof., Ms. Nimitha N., Asst.Prof., Ms. K. Sangeethalakshmi., Asst.Prof., Mr. Shaik Hedayath Basha., Asst.Prof., Mr. Babu M., Asst.Prof and Mr. Karthikeyan C., Asst Prof.**, attended a workshop on "Partial reconfiguration flow using Xilinx Vivado design suite and ZYNQ board", at RMKCET, on 11.03.2019.
 13. **Mr. Sathyaraj P., Asst.Prof., Ms. K. Sangeethalakshmi., Asst.Prof and Ms. Aishwarya N., Asst Prof.**, attended a workshop on "Analog Discovery Kit", at Anna University, Chennai, on 03.05.2019.
 14. **Ms. Ciyamalakushbu S., Asst.Prof.**, attended Five days National Level Workshop on "Machine Learning Approaches on Medical Imaging for Clinical psychology and health care applications", at VIT-Vellore, from 06.05.2019 to 10.05.2019.

GUEST LECTURE BY STAFF:

- **Mr. Sathyaraj P., Asst. Prof.,** presented a session on "Finite word length effects, ADC and Quantization Techniques" in FDP on EC8553-Discrete Time Signal Processing, at Saveetha Engineering College, on 07.05.2019.

GUEST OF HONOUR:

- **Dr. Shanthi K G., Prof.,** acted as **Session Judge,** in "National Level Technical Symposium(GRTTEXPO'19)", at GRT Institute of Engineering and Technology, on 09.02.2019.

PAPERS PUBLISHED IN JOURNAL:

1. Gopalakrishnan Natesan and **Arun Chokkalingam.,** "Optimal Task Scheduling in Cloud Environment Using Mean Grey Wolf Optimization Algorithm", International Journal of Technology (IJTech), Vol. 10, No. 1, pp. 126-136, ISSN: 2086-9614; e-ISSN: 2087-2100, January 2019.
2. **Manikandan A.,** Balasubadra K., and **Shanthi K G.,** "Cross Layer Design For TCP Optimization With Successive Acknowledgment Packet Handling Mechanism Through Adaptive Modulation And Coding", International Journal of Advances in Electronics and Computer Science, Vol. 6, No. 2 pp. 6-12 ISSN 2394-2835, February 2019.
3. Raja Chandrasekaran., Agilesh Saravanan., Ashok Kumar and **Gangatharan Narayanan.,** "A novel Particle Swarm Optimization with search space tuning parameter to avoid premature convergence", International Journal of Mathematical Modelling and Numerical Optimisation, Inderscience Publishers, ISSN 2040-3607, April 2019. Article in Press, DOI: 10.1504/IJMMNO.2019.10021528. (SCOPUS Indexed).

PAPERS PUBLISHED IN CONFERENCE:

1. **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.
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. **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.
4. **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.
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. **Kannagi V.**, SaiSuresh 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.
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. **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 .
9. **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.
10. **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.
11. **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.
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. **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.
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. **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.

16. **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.
17. **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.
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. **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.
20. **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.
21. **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.
22. **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.
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. **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.
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. **Inbamalar T M.**, Arundhathi B., Davilluru Charishma and Abishag Deva Kirubai A., **“Non-Invasive Diagnosis of Liver Tumour Using Image Processing Techniques”**, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.

27. **Inbamalar T M.**, Adarsh S., Ankush Sharma., Logesh V and Maharaja T., “**Advanced Vehicle Information system for Driver Behaviour Analysis**”, National Conference on Information and Communication Technologies (NCICT-2019), at SSN College of Engineering, Chennai, on 02.04.2019.
28. **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.
29. **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.
30. **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.
31. **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.
32. **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.
33. **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.
34. **Manju M.**, Aishwarya V., Aswathy M and Bhuvaneswari 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. **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.
36. **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.

37. **Rajagopal C.**, Mohana Krishnan B., Chella Pillai and Syed Khaja Moinuddin A., **“Bus Stection 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.
38. **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.
39. **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.
40. **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.
41. **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.

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