

**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

2020-21

**PARTICIPATION IN INTER-INSTITUTE EVENTS BY STUDENTS OF THE
PROGRAM OF STUDY**

Participation in inter-institute events by students of the program of study and prizes received for the academic year 2020-21

| A. Events within the state | B. Events outside the state | C. Prizes/awards received in such events |
|-----------------------------------|------------------------------------|---|
| 4 | 141 | 2 |

Event attended details of students for the year 2020-2021

| Sl . No. | Name of the Student | Event details | Organized by | Date | Award/Participated |
|-----------------|----------------------------|--|--|---------------------------|--|
| 1 | Gayathri Warriar | Applied Physics Quiz Competition | Sapthagiri college of Engineering, Bangalore | 6 th Jul2020 | Excellent Performance Certificate |
| 2 | Monisha B.R | Rank 21530 in Drupal | Times jobs &Techgig | 4 th Nov2020 | Certificate of Participation |
| 3 | Monisha B.R | Rank 759 in angular s Easy test | Times jobs &Techgig | 25 th Nov 2020 | Certificate of Participation |
| 4 | Monisha B.R | Rank 1408 in Node JS Easy test | Times jobs &Techgig | 25 th Nov 2020 | Certificate of Participation |
| 5 | Monisha B.R | Tech Geek goddess | Times jobs &Techgig | 7 th Dec 2020 | Certificate of Participation |
| 6 | Monisha B.R | Rank 4132 in Drupal | Times jobs &Techgig | 10 th Dec 2020 | Certificate of Participation |
| 7 | Deeksha S.N | E quiz on General Awareness about basics of start up | MIT,Meerut & Institution of Innovation Council(Ministry of HRD Initiative) | 16th- 22th Apr 2021 | Certificate of participation |
| 8 | Suraj V Ghorpade | Microsoft AI Classroom series Microsoft | Microsoft AI | 25 th Jun 2021 | Certificate of participation |

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| 9 | Monisha.B.R | TECH GIG Code gladiators | Times job &Techgig | 2021 | Certificate of Participation |
| 10 | Navya MS | Hackathon | Katalyst,India | Jun 2021 | Certificate of participation |
| 11 | Lavanya M | IEEE workshop Project based competition | IEEEKLE ,Belagaum | 10 th Jul 2021 | First place |

Publication details of students for the year 2020-2021

| SL. No | Name | Title of paper | Publication details | Date |
|--------|-----------------------|---|---|--------------------|
| 1 | Akshitha V Ramesh | Implementation and Design of FIR Filters using verilog HDL and FPGA | Perspectives in Communication, Embedded- Systems and Signal Processing (PiCES)- An International Journal pp 4-7,2020, ISSN: 2566- 932X | Onli ne 2020 |
| | Apeksha Ravi Kumar | | | |
| | Amulya S Iyengar | | | |
| | Lekha Yadav B | | | |
| 2 | Navin Kumar H G | Literature review on Hybrid temperature sensing and monitoring system with built-in sanitizer | International Advanced Research Journal in Science, Engineering and Technology Vol.7, No12 , pp. 66- 70, 2020, ISSN: 2393-8021 | Dec- 20 |
| | Navya S | | | |
| | Pratima Agnihotri | | | |
| | Pratima V Kashyap | | | |
| 3 | Anirudh K N | Unified Meter For Electricity, Gas and Water with Automatic Billing and Payment | International Research Journal of Engineering and Technology, Vol. 07, Issue.05 Aug 2020, pp. 811- 816, e-ISSN: 2395-0056, p-ISSN: 2395- 0072 | Aug- 20 |
| | Sudhanshu S Sharma | | | |
| | Vivek R | | | |
| 4 | Brunda S | Automation of Manually Operated Devices | International Journal for Research in Applied Science & Engineering Technology (IJRASET) Vol.08, No8, Aug 2020, pp. 411 - 416, ISSN: 2321-9653 | Aug- 20 |
| | Deepika M | | | |
| | L S Baby ram | | | |
| | Likhitha Y | | | |
| 5 | Shreyas K V | Multi account embedded atm card with Fingerprint recognition | International Research of Journal of Engineering and Technology (IRJET), Vol 7, Issue.08, Aug 2020, pp:1687-1691,e- ISSN : 2395-0056, p- ISSN:2395-0072 | Aug- 20 |
| | Sananda Rao K S | | | |
| | Suhas M V | | | |
| | Krishna D | | | |

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| 6 | Nandan Gowda | Smart Voting System using Face Recognition | International Research Journal of Engineering and Technology, (IRJET), Vol 07, No. 08 Aug 2020, pp: 1463-1467, e-ISSN:2395-0056, p- ISSN: 2395-0072, | Aug-20 |
| | Jayam Haresh Tharun | | | |
| | Ashik B N | | | |
| | Deepak Lamini | | | |
| 7 | Shrinidhi N S | Gyro-assisted multi terrain rover | International Research Journal of Engineering and Technology (IRJET), Vol.07, No08, Aug 2020, pp. 2061-2065, e-ISSN: 2395-0056, p- ISSN:2395-0072 | Aug-20 |
| | Shylesh Raj T D | | | |
| | Skanda N | | | |
| 8 | Vasudev Updhy K S | Miniature water purifier Based on IoT | International Research Journal of Engineering and Technology(IRJET), Vol.07, Issue.08 Aug 2020, pp-2201-2205, e-ISSN:2395-0056, p- ISSN:2395-0072 | Aug-20 |
| | Tejas P | | | |
| | Vignesh Kumar V | | | |
| | Praveen Tulsidas Naik | | | |
| 9 | Ravi Nandan | Modern Agriculture using Swarm Robots | International Journal of Advance in Engineering and Management(IJAEM) Vol.02, No: 04, 30 Aug 2020, pp: 67 - 70, ISSN : 2395-5252 | Aug-20 |
| | Lokesh S | | | |
| | Nikita Balapa Narasannavar | | | |
| | Pratyusha S | | | |
| 10 | Pooja P G | Communication in LI-FI | Journal of Emerging Technologies and Innovative Research (JETIR), Vol.07, No. 08, August 2020, pp-1425-1429, ISSN:2395-5162, | Aug-20 |
| | Yash Rai | | | |
| | Sumukha S Ram | | | |
| | Akash B N | | | |
| 11 | Shreya Srinivas | Commuting Aid for Visually Impaired People | International Research Journal of Engineering and Technology (IRJET), Vol.07, Issue. 08, Aug 2020, pp: 1231 -1234, ISSN : 2395-0056. | Aug-20 |
| | Sarah Ahmed | | | |
| | Saurav Kumar | | | |
| | Spurthi M K | | | |
| 12 | S Shwetha | Enhanced Refrigerator with Quality and Quality Quantity Monitoring(ERQQM) | International Journal for Research in Applied Science & Engineering Technology(IJRASET) Vol 8, No8 ,Aug 2020, pp . 122-124. ISSN: 2321-9653, IC Value . 45.98, SJ Impact Factor : 7,429 | Aug-20 |
| | Chandana R | | | |
| | Shreyashwini | | | |
| 13 | Priya S | Automatic Ration Material distribution | International Journal of Advances in Engineering and Management (IJAEM), Vol 2, No 4, pp: 641-616, No4, Aug 2020 pp . 641 -646. ISSN: 2395 - 5252, Impact Factor Value: 7,429 | Aug-20 |
| | Varshini K S | | | |
| | Vidhya K S | | | |
| | Vidya B | | | |

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| 14 | Divya Lakshmi G | Automatic Gas Leakage Detection and Booking System | International Research Journal of Engineering and Technology(IRJET), Vol 7, No8, pp: 409- 411, Aug 2020. ISSN: 2395 - 0056, Impact Factor Value: 7,529 | Aug-20 |
| | Deepa R | | | |
| | Komal Khandelwal | | | |
| | Lakshmi Priya | | | |
| 15 | Apeksha Ravi Kumar | Precision Agriculture: A Review on its Techniques and Technologies | International Research Journal of Modernization in Engineering Technology,(IRJET), Vol 2, No9, pp: 1326-1332, sep 2020. ISSN: 2582-5208, ImpactFactor Value: 5.354 | Sep-20 |
| | Divya T.M | | | |
| | Lekha Yadav B | | | |
| 16 | Anagha A Kashyap | Machine Learning Techniques for Cardiovascular score Prediction – A Review | International Research Journal of Engineering and Technology (IRJET) Vol 8, No1, pp: 1792-1798, Jan 2021. ISSN: 2395-0056, ImpactFactor Value: 7.529 | Jan-21 |
| | Anusha L | | | |
| | Rachana S | | | |
| | Sahana V | | | |
| 17 | Ayush Raj | Operation Theatre Automation and Control(OTAC) | International Research Journal of Engineering and Technology (IRJET) Vol 7, No8, pp: 1244 - 1250, Aug 2020. ISSN: 2395-0056, ImpactFactor Value: 7.529 | Aug-20 |
| | Rahul Kumar | | | |
| 18 | Ayush Raj | Survey on Operation Theatre Automation and Control(OTA) | International Research Journal of Engineering and Technology (IRJET) Vol 7, No 6, pp: 1244 - 12549 2020. ISSN: 2395-0056, | Jun-20 |
| | Rahul Kumar | | | |
| 19 | Shamanth Raj D N | Literature Review on “IOT Based Plant Disease Detection” | International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No5, May 2021 | May-21 |
| | Harshitha B | | | |
| | Vanitha C | | | |
| | Chandu PJ | | | |
| 20 | Anitha R | A Survey on Brain Actuated Applications for Paralyzed People” | International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No5, May 2021 DOI: 10.17148/IARJSET.2021.8535 | May-21 |
| | Bhavana J | | | |
| | G S Surabhi | | | |
| | Madhu S | | | |
| 21 | Suraj V Ghorpade | AI based Armed Surveillance Robot | International Journal of Computer Applications Technology and Research Volume 10, No 07, 183-185, 2021, ISSN:-2319–8656 | 2021 |
| | Vrindha Sham Bhatt | | | |
| 22 | Ayesha Rosheen | Implementation of Quine Mc- Cluskey Method on FPGA | International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No7, May 2021 DOI: 10.17148/IARJSET.2021.8533 | Jul-21 |
| | Bindu J | | | |
| | Chaithra V M | | | |

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| 23 | Chethana Prasad K | Morse code based secured authentication system through artificial intelligence | International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No 5, May 2021 DOI: 10.17148/IARJSET.2021.8556 | May-21 |
| | Disha S | | | |
| | Divya T M | | | |
| 24 | Chethana Prasad K | A Comprehensive Study of Face Recognition for security Based Systems | International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 05, pp: 355 - 361,2021,-ISSN: 2393-8021 | May-21 |
| | Disha S | | | |
| | Divya T M | | | |
| 25 | Sowjanya K N | Automatic Movable Smart Road Divider Using IOT | International Advanced Research Journal in Science, Engineering Technology, Vol.8, No 6, pp. 839-843, 2021, ISSN: 2393-8021 | Jun-21 |
| | Nikhil | | | |
| | Jamadagni H N | | | |
| | K Unnimaya | | | |
| 26 | Bhavana G | IOT Based Cloud Integrated Smart Classroom and Sustainable Campus | International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 5, pp:347-350, 2021, ISSN: 2393-8021, | May-21 |
| | Sharath Kumar R | | | |
| | Yathish S Dhanjaya | | | |
| | Renuka Prasad M R | | | |
| | Subramani Gajanan Moger | | | |
| 27 | Chethana S | Real Time Monitoring of Bridge using Wireless Technology | International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 1 - 5,2021, e-ISSN: 2394-1588, | Jul-21 |
| | Bhavana B S | | | |
| | Mamatha K S | | | |
| 28 | Sandeep Kumar M | Literature review on Clock optimization for High speed synchronous Circuits | International Advanced Research Journal In Science, Engineering and Technology, Vol 8, No.6, pp.737-740, 2021, ISSN : 2393-8021 | Jun-21 |
| | Syed Waqur Kashif | | | |
| | Rahesh C S | | | |
| | A Yeshwanth | | | |
| 29 | Monisha A | Smart Manhole Toxic Gas Identification and Altering System Review | International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.2, pp.122-124, 2021, ISSN : 2393-8021 | Feb-21 |
| | Penujuri Naga Sai Snehitha | | | |
| | Ramya R | | | |
| 30 | Abhijith Sudhir | Entire Body Postural Analysis Assessment Device for Computer Operators | International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 6, pp:911-917, 2021, ISSN: 2393-8021, | Jun-21 |
| | Amoghavarsha N. D | | | |
| | Devale Sudarshan | | | |
| | Vinayak Bajantri | | | |
| 31 | Sujay R | | | 2021 |

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| | Somashekar M | Survey on sign language to text and speech conversion using Machine Learning Model | International Journal of Research Publication and Reviews Vol 2, No. 7, pp, 2021,ISSN : 2582-7421 | |
| 32 | Siri Ravinath | LED Distance Indicator Literature Survey | International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. 7,pp 129-131,2021,ISSN : 2393-8021 | Jul-21 |
| | Supriya S | | | |
| 33 | R Sushmitha | Smart Road system | International Journal of Recent Advances in Multidisciplinary Topics , Vol.2, No. 7, pp.128- 130, 2021, ISSN: 2582-7839, | 2021 |
| | K Vandana | | | |
| 34 | A N Bhoomika Chowdary | The design, modelling, construction and implementation of Self-balancing robot | International Advanced Research Journal in Science, Engineering and Technology, Vol,8, No. 6, 2021, ISSN: 2393-8021, | Jun-21 |
| | Charan G | | | |
| 35 | Deeksha S N | Review on automatic sanitizer dispensing machine | International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No:06, pp : 938-939, 2021, ISSN: 2393-8021 | Jun-21 |
| | Aishwarya R | | | |
| 36 | Harshitha S | Laser Based Security System | International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No:07, pp : 91-93, 2021, ISSN: 2393-8021 | Jul-21 |
| | Janhavi K P | | | |
| 37 | Chethana K S | Real Time Monitoring of Bridge using Wireless Technology | International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 04, pp: 362 - 364,2021, e-ISSN: 2393-8021, | Jul-21 |
| | Bhavana B S | | | |
| | Mamatha K S | | | |
| 38 | Abijith Sudhir | Entire Body Postural Analysis Assessment Device for Computer Operators | International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 6, pp:364-366, 2021, ISSN: 2393-8021, | Jun-21 |
| | Amoghavarsha N D | | | |
| | Devale Sudarshan | | | |
| | Vinayak Bajantri | | | |
| 39 | Ana Episha F | Smart Two-Wheeler | International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.5, pp.397-400, ISSN: 2393-8021. | May-21 |
| | Aman Kumar Singh | | | |
| | Kshitiz Gurung | | | |
| | Rakesh M D | | | |

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| 40 | Ana Epsibha F | Smart Two-Wheeler | International Advanced Research Journal in Science, Engineering and Technology, Vol 8,No.6, pp.397-400, ISS: 2393-8021. | Jun-21 |
| | Aman Kumar Singh | | | |
| | Kshitiz Gurung | | | |
| | Rakesh M D | | | |
| 41 | Shivani k | Literature Review on Personalized Asthma Prediction by Early Detection | Journal of Applied Science and Computations. Vol 8, No.6, pp.27-31, ISSN :0022-1945. | Jun-21 |
| | Shravya S Acharya | | | |
| | Vaishnavi S | | | |
| | Vaishnavi Sriharshan | | | |
| 42 | Chethan G | Literature review on Automatic Gate Control System using Number Plate Recognition with OCR | International Advanced Research Journal in Science and Technology, Vol.8, No.5, pp.280- 285,2021,Issn : 2393-8021, | May-21 |
| | Rahul R Nadig | | | |
| | Supriya V | | | |
| 43 | Chethan G | Automatic Gate Control System Using Number Plate Recognition with OCR | International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.6, pp.858-865, 2021, ISSN : 2393-8021 | Jun-21 |
| | Rahul R Nadig | | | |
| | Supriya V | | | |
| 44 | Asiya Fathima N | Smart Water Metering System | International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 280-284, 2021, ISSN: 2393-1588, | Jul-21 |
| | Deviyani G | | | |
| | Kamnoor Sushma | | | |
| 45 | M Nihitha Yadav | Density Based Traffic Signal System using Microcontroller | International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 253-254, 2021, ISSN: 2394-1588, | Jul-21 |
| | Mohammed Faizan | | | |
| 46 | Pruthiviraj N | Literature review on Area- Delay-Power Efficient Carry- Select Adder | International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 262-264, 2021, ISSN: 2393-8021, | May-21 |
| | Ruthvik Ravish | | | |
| | Shreyas H R | | | |
| | Surya N | | | |
| 47 | Navya M S | Automatic Water Controller | International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 255-257, 2021, ISSN: 2393-8021 | Jul-21 |
| | Nirosha G J | | | |
| 48 | Jishnu S | Human Following Robot | International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 258-259, 2021, ISSN: 2393-8021 | Jul-21 |
| | Diwakar Babu Y | | | |

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| 49 | Mohammed Faizal | Literature Review on Recognition of Stress Using Face Image and Facial Land marks | International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp 792-797,2021,ISSN : 2393-8021 | Jun-21 |
| | Nikhil V | | | |
| | Nikhil V | | | |
| | Prajwal C | | | |
| 50 | Mohammed Faizal | Recognition of Stress using Face Image and Facial Land Marks | International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp 602-612 ,2021,ISSN : 2393-8021 | May-21 |
| | Nikhil V | | | |
| | Nikhil V | | | |
| | Prajwal C | | | |
| 51 | Akshitha V Ramesh | A Review on the use of Emergency Ventilators for COVID-19 | International Journal of Scientific Research in Engineering and Management , Vol. 5, No. 5, pp 1-5,2021, ISSN 2582-3930 | May-21 |
| | Amulya S Iyengar | | | |
| | Apeksha Ravi Kumar | | | |
| | Lekha Yada B | | | |
| 52 | Akshitha V Ramesh | Implementation of An Emergency Ventilator Based on Oxygen Regulation | International Research Journal of Modernization in Engineering and Technology and Science,Vol 3, No.7, pp.1172-1179, ISSN 2582-5208 | Jul-21 |
| | Amulya S Iyengar | | | |
| | Apeksha Ravi Kumar | | | |
| | Lekha Yada B | | | |
| 53 | Meghana B S | Automatic Rain Sensing Wiper Circuit Using 555 Timer IC | International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 7, pp 110-113,2021,ISSN : 2393-8021 | Juyl-21 |
| | Nagashree A | | | |
| 54 | Pavan Prasad R | Peltier Enabled Dual Purpose Thermo-Electric Solar Refrigerator- A Survey | Journal of Applied Science and Computations, Vol.8, No.6, pp.1-5, 2021, ISSN : 0022-1945, 2021, | Jun-21 |
| | Mohammed Sadath | | | |
| | Yashas R | | | |
| | Mahadeva G R | | | |
| 55 | Anoop Deekshith R | Development of Prosthetic Hand for the Disabled | International Advanced Research Journal in Science and Technology, Vol.8, No.5, pp.367- 370,2021,Issn : 2393-8021, | May-21 |
| | Jeevan R S | | | |
| | Gowtham B | | | |
| | Darshan T G | | | |
| 56 | Anitha R | Implementation of Brain Actuated Application for Paralyzed People | International Advanced Research Journal in Science, Engineering Technology, Vol.8, No 5, pp. 819-825, 2021, ISSN: 2393-8021 | Jun-21 |
| | Bhavana j | | | |
| | G S Surabhi | | | |
| | Madhu S | | | |
| 57 | Sahana M K | | | |

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| | Sushmitha B L Vidya V Yashaswini R | Literature review on Cloud based IoMT frame work for Automated Health Assessment and Management | International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp 253-255,2021,ISSN : 2393-8021 | May-21 |
| 58 | Nageli Jaya Sai Naidu Naveen Kumar Barugupally Prajwal Simha Tejas K | Literature Review on Detection of Keratoconus Using Image Processing and Machine Learning | International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp 825-829,2021,ISSN : 2393-8021 | Jun-21 |
| 59 | Nageli Jaya Sai Naidu Naveen Kumar Barugupally Prajwal Simha Tejas K | Detection of Keratoconus Using Image Processing and Machine Learning | International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp 783-791,2021,ISSN : 2393-8021 | Jun-21 |
| 60 | Naganetra M Rohini D Vaibhavi Sreenivasan Vaishnavi Katti | A Review on Alcohol and Drowsiness detection for a four wheeler | Journal of Applied Science and Computations, Vol 08, No:05, pp :151-155, 2021, ISSN: 0022-1945 | May-21 |
| 61 | Bhavana B S Chethana K S Mamatha K S | Real Time Monitoring of Bridge using Wireless Technology | International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 04, pp: 362 - 364,2021, e-ISSN: 2393-8021 | Apr-21 |
| 62 | H G Srinidhi Abhishek K V Anushri V K Bhoomika P K | IR Underwater wireless Communication | International Research Journal in Science, Engineering and Technology, Vol,8, No. 4, 2021, ISSN: 2395-0056 | Apr-21 |
| 63 | Asiya Fathima N Deviyani G Kamnoor Sushma | Smart Water Metering System | International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 407-409, 2021, ISSN: 2393-8021 | May-21 |
| 64 | Dhakshith N K Lakshan N S Manoj E | Detection of Diabetic Retinopathy Using Artificial Intelligence | International Advanced Research Journal in | Jun-21 |

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| | Manoj Kumar | | Science, Engineering Technology, Vol.8, No.5, pp. 779-782, 2021, ISSN: 2393-8021 | |
| 65 | Anupam M L | Home Automation using Smart Mirror | International Journal of Scientific Research in Engineering and Management, Vol.5, No.7, pp. 1-7, 2021, ISSN: 2582-3930 | Jul-21 |
| | Chethan D R | | | |
| | Gopinath H C | | | |
| | Mahadeva G | | | |
| 66 | Anupam M L | Home Automation using Smart Mirror and Firebase Cloud | International Journal of Advance in Engineering and Management, Vol.3, No.6, pp. 262-264, 2021, ISSN: 2395-5252 | Jun-21 |
| | Chethan D R | | | |
| | Gopinath H C | | | |
| | Mahadeva G | | | |
| 67 | Monisha A | Smart Manhole Toxic Gas Identification and Alerting System Review | International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.2, pp.122-124, 2021, ISSN : 2393-8021 | Feb-21 |
| | Penujuri Naga Sai Snehitha | | | |
| | Ramya R | | | |
| 68 | Sandeep Kumar M | Literature review on Clock optimization for High speed synchronous Circuits | International Advanced Research Journal In Science, Engineering and Technology, Vol8, No.6, pp.737-740, 2021, ISSN : 2393-8021 | Jun-21 |
| | Syed Waqur Kashif | | | |
| | Rajesh C S | | | |
| | A Yeshwanth | | | |
| 69 | Akkshay U L | Solar Based Smart Grass Cutter | International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. 7,pp 219-221,2021,ISSN : 2393-8021 | Jul-21 |
| | B D Shreenidhi | | | |
| | Srinivas | | | |
| | M Ranjith | | | |
| 70 | Shivani K | Literature Review on Personalized Asthma Prediction by Early Detection | Journal of Applied Science and Computations , Vol 8,No. 6, pp 27-31,2021,ISSN : 0022-1945 | Jun-21 |
| | Shravya S Acharya | | | |
| | Vaishnavi S | | | |
| | Vaishnavi Sriharshan | | | |
| 71 | Sharath Kumar R | Implementation of IOT Based Cloud Integrated Smart Classroom and Sustainable Campus | International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. 6, pp 285-288,2021,ISSN : 2393-1588 | Jul-21 |
| | Yathish S Dhanajaya | | | |
| | Renukaprasad M R | | | |
| | Subramani Gajanan Moger | | | |
| 72 | Krithika P | Vacuum Based Wiping System for Pollen and | International Journal of Engineering Applied Sciences and Technologies, | Apr-21 |
| | M Sirisha | | | |

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| 73 | Sujay R Somashekar M | Survey on Sign language to text and Speech Conversion using Machine Learning Model | International Journal of Research Publication and Reviews, Vol 2, No. 7, pp 1832 - 1833, 2021, ISSN : 2394 - 7421 | Jul- 21 |
| 74 | Sowjanya K N Nikhil Jamadagni H M K Unnimaya Bhavana G | Automatic Movable Smart Road Divider Using IOT | International Advanced Research Journal in Science Engineering and Technology, Vol 8, No. 7, pp 324- 329, 2021, ISSN : 2394-1588 | Jul- 21 |
| 75 | Prakruthi H Pooja S Sheetal N Gowda | Home Automation with Arduino Uno | International Advanced Research, Ideas and Innovations in Technology, Vol 7, No. 4, pp 937- 939, 2021, ISSN : 2454 – 132X | 2021 |
| 76 | Shiva Shankar B Shreyas D R | Temperature and Movement Sensed Automatic Door Opening System | International Journal of Advance Research Publication and Reviews, Vol 2, No.7, pp:1784- 1786, 2021, ISSN: 2582-7421, | 2021 |
| 77 | Rithvik P S Manoj | Non Contact Gesture Controlled Elevator | International Journal of Advance Research Publication and Reviews, Vol , No., pp:1 - 4, 2021, ISSN: 2582-7421, | 2021 |
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| 79 | Megha R Naga Omkar | Gas Leakage Detector | International Journal of Research Publication and Reviews, Vol.02, No. 07, pp: 1633- 1635,2021, e- ISSN: 2582-7421, | 2021 |
| 80 | Ananya Ananth Ashritha S C | Bluetooth Based Obstacle Avoiding Robot | International Advanced Research Journal in Science Engineering and Technology, Vol 8, No. x, pp 1 - 6,2021, ISSN : 2393-8021 | 2021 |
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| 131 | Ritu Patil | Detection of Piracy : Approaches and Challenges | 2nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), Gsss Institute of Engineering and Technology for Women, Mysuru, 15th – 16th Dec 2020 | 15th – 16th Dec 2020 |
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| 132 | Prathiksha P | Automation of Anomaly Detection in Warehouses: A Machine Learning-Based Approach | 3 – Day International Conference (Online) on Science, Dec 7th - 9th Dec 2020, | Dec 7th - 9th Dec 2020 |
| 133 | Akshatha Shenoy | Secure Anti-piracy System | Intelligent System Design, Advances in Intelligent Systems and Computing, Vol 1171. Springer, Singapore., pp. 827-835, 2021. Online ISBN: 978-981-15-5400-1, Print ISBN 978-981-15-5399-8, ISSN 2194-5365, https://doi.org/10.1007/978-981-15-5400-1_78 , https://www.scopus.com/sourceid/5100152904 | 2021 |
| | Junaid Khan | | | |
| | Megha S. Savalgi | | | |
| | K.M. Bhavana | | | |
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| | K. Pooja | | | |
| | Onkar Mishra | | | |

**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

2019-20

Participation in inter-institute events by students of the program of study and prizes received for the academic year 2019-20

| A. Events within the state | B. Events outside the state | C. Prizes/awards received in such events |
|-----------------------------------|------------------------------------|---|
| 12 | 46 | 3 |

Event attended details of students for the year 2019-2020

| Sl. No. | Name of the Student | Event details | Organized by | Date | Award/Participated |
|----------------|----------------------------|--|--|----------------------------|-----------------------------------|
| 1 | Sadhvika Chandra | ISTE BEST Student Chapter Award -2019 | ISTE NewDelhi, Karnataka Section | 2019 | BEST Student Chapter Award |
| 2 | B. Shiv Dutt | India innovation Challenge design contest 2019 | DST & Texas Instruments, India | 2019 | Participated |
| 3 | Rachana S | India innovation Challenge design contest 2019 | DST & Texas Instruments, India | 2019 | Participated |
| 4 | Kadri Srinidhi Rao | Research work on Surveillance Bot | Centre for Artificial Intelligence and Robotics DRDO, GoI- Ministry of Defence , Bangalore | 5th Jul 2019- 5th Aug 2019 | Research work |

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|----|------------------|---|---|--|---|
| 5 | Srinivasan M | <u>Are you an Arduino Ninja - Phase Shift 2019</u> | <u>BMS college of Engineering, Bangalore</u> | 14 th -15 th Sep 2019 | First Place |
| 6 | Pooja K | Hackathon '19 24 –Hour State Level Inter-Collegiate Competition | Atal Incubation Centre, Jyothy Institute of Technology Foundation, Supported by Atal Innovation Mission , NITI Aayog, Govt of India, Bangalore | 9 th -10 th November 2019 | Participated |
| 7 | Prathiksha P | Hackathon '19 24 –Hour State Level Inter-Collegiate Competition | Atal Incubation Centre, Jyothy Institute of Technology Foundation, Supported by Atal Innovation Mission , NITI Aayog, Govt of India, Bangalore | 9 th -10 th November 2019 | Participated |
| 8 | Srinivasan M | Hackathon '19 24 –Hour State Level Inter-Collegiate Competition | Atal Incubation Centre, Jyothy Institute of Technology Foundation, Supported by Atal Innovation Mission , NITI Aayog, Govt of India, Bangalore. | 9 th -10 th November 2019 | Participated |
| 9 | Srinivasan M | HACKMAN v4 | DayanandaSagar College of Science and Engineering, Bangalore | 14 th -15 th November 2019 | Participated |
| 10 | Srinivasan M | Make IT EC, Intercollegiate techno Fest | PES University, Electronic City Campus, Bangalore. | 15 th -16 th November 2019 | Second Place |
| 11 | Sadhvika Chandra | 16 th Karnataka State level ISTE Student convention | 16 th Karnataka State level ISTE Student convention , NewDelhi jointly organized with KSIT, Karnataka state Section. | 2020 | Certificate Of appreciation as ISTE coordinator |

Publication details of students for the year 2019-2020

| SL No | Name | Title of paper | Publication Details | Date |
|-------|------|----------------|---------------------|------|
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| | Monisha A | | | |
| | Snehitha | | | |
| | Pratima P Agnihotri | | | |
| 2 | M Naganetra | Pulse Width Modulation | International Journal of Research in Engineering Science and Management, Volume-2, Issue-12 Dec 2019, ISSN(Online) : 2581-5792 | Dec-19 |
| | R Ramya | | | |
| | D Rohini | | | |
| 3 | Shrinidhi N | Gyro-Assisted Multi Terrain Rover | International Journal of Electronics Engineering, Volume-11, Issue-2 , Jun 2019- Dec 2019, pp. 493-498 | Jun-19 |
| | Shylesh Raj T | | | |
| | Skanda N | | | |
| 4 | Maghashree V | Village 3.0 | Journal of Applied Science and Computation, Volume-11, Issue X11 Dec 2019, ISSN NO : 1076-5131 | Dec-19 |
| | Namratha ganesh | | | |
| | Namaratha gopal | | | |
| 5 | Bhoomika P M | Segregation of Waste – A Survey | International Research Journal of Engineering and Technology(IRJET), Volume - 07, Issue-2, pp: 384 -386 Feb 2020, Impact Factor Value 7.34, ISO 9001:2008, e-ISSN : 2395-0056, p-ISSN : 2395-0072 | Feb-20 |
| | Sonika V | | | |
| | Suma B S | | | |
| | Vismitha S S | | | |
| 6 | Rashmi S | Bit Interleavers for Flexible Modulation Scheme | Journal of applied sciences and computations (JASC). Volume VII, Issue I, January 2020, ISSN NO : 1076-5131 | Jan-20 |
| | Ramya M S | | | |
| | Haritha K | | | |
| 7 | Divya lakshmi G | A Survey on various Methodologies used to Detect Gas leakage and Automatic booking system | International Research Journal of Engineering and Technology(IRJET), Volume - 07, Issue-2, Feb 2020, Impact Factor Value 7.34, ISO 9001:2008,pp 1478-1479 e-ISSN : 2395-0056, p-ISSN : 2395-0072 | Feb-20 |
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| | Komal Khandelwal | | | |
| | Lakshmi Priya | | | |
| 8 | Ravi Nandan | Swarm Robotics for Agriculture | International Research Journal of Engineering and Technology (IRJET), Volume - 07, Issue-2, Feb 2020, Impact Factor Value 7.34, ISO 9001:2008, e-ISSN : 2395-0056, p-ISSN : 2395-0072 | Feb-20 |
| | Lokesh S | | | |
| | Nikita Balappa | | | |
| | Narasannavar | | | |

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|----|--------------------|---|--|----------|
| | Pratyusha | | | |
| 9 | Aaliya Zainab | A Survey on Detection of ventricular Fibrillation using Wavelet Analysis | International Research Journal of Engineering and Technology, vol.07, Issue: 06 Jun 2020, Impact Factor value : 7.59, e-ISSN : 2395-0056, P-ISSN:2395-0072 | Jun-2020 |
| | Neha J Kotwal | | | |
| | Anusha Raj D | | | |
| 10 | Likhitha Y | A Survey on Automation of Manually operated Devices | International Research Journal of Engineering and Technology, vol.07, Issue: 02 Feb 2020, Impact Factor value : 7.34. e-ISSN : 2395-0056, P-ISSN:2395-0072, Page no 1298 - 1300 | Feb-20 |
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| | Deepika | | | |
| | L S Baby RAM | | | |
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| 12 | Harshini B S | Applications and Research Challenges of Underwater Communication Devices_A Review | SSRG (International Journal of Electronics and Communication Engineering (SSRG-IJECE)-Vol 7 Issue – 2, pp-1- 2,ISSN : 2348-8549, Feb 2020 , pp-1- 2 | Feb-20 |
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| 13 | Sahana D | Implementation of an Off-Hospital Rural and Urban Public Access Defibrillator | Perspectives in Communication, Embedded-Systems and Signal-Processing(PiCES)-An Internal Journal ISSN:2566-932X | 2020 |
| | Madhu G | | | |
| | Sahana K G | | | |
| 14 | Ayusha Raj | | | Jun-20 |

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| 15 | Shreya Srinivas | Survey Paper On Power Generation Using Piezo Electric Material | International Research Journal of Engineering and Technology, Vol.07, Issue : 05 May 2020,pp: 5137 - 5141, Impact factor value:7.529,e-ISSN:2395-0056, p-ISSN:2395-0072 | May-20 |
| | Sarah Ahmed | | | |
| | Saurav Kumar | | | |
| | Spurthi M K | | | |
| 16 | Deemanth K P | A Literature survey on "Density based traffic signal system using load cells and IR Sensors | International Research Journal of Modernization in Engineering Technology and Science, , Vol.02, Issue : 06 Jun 2020,pp: 1095 - 1097, Impact factor value : 7.529, e-ISSN : 2582-5208 | Jun-20 |
| | Mahammed Waleed | | | |
| | Bharath R | | | |
| 17 | Bhoomika P M, | Segregation of Waste –A Survey | International Research Journal of Engineering and Technology(IRJET) Volume : 07 Issue 02 Feb 2020 e-ISSN:2395-0056 p-ISSN:2395-0072 Impact factor value 7.34 | Feb-20 |
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| | Jeevitha Kalaashilpa N C | | | |
| | Kadri Srinidhi Ra | | | |
| 19 | Priya S | Automatic Ration Distribution | Journal of Applied Science and Computations,Vol.07, Issue 5, May 2020, pp : 54-58, ISSN: 1076-5131 | May-20 |
| | Varshini K S | | | |
| | Vidhya K S | | | |
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| | Sonika V | | | |
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| | Karthik K | | | |
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| 22 | Kadri Srinidhi Rao | Literature Survey on A Bore Well Rescue Bot | International Journal of Latest Engineering and Management Research, 2020, Vol 05, Issue 05 . pp : 5-8, ISSN: 2455-4847 | May-20 |
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| | Adithya D M | | | |
| | Karthik K | | | |
| | Manikantan G | | | |
| 24 | Rashmi S | Implementati on of Bit Interleavers used in Flexible Modulation Scheme | International Research Journal of Engineering and Technology(IRJET) Vol.07, Issue. 07, Jul 20, pp-3942-3947, e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor: 7.529 | Jul-20 |
| | Ramy M.S | | | |
| | Haritha K | | | |
| 25 | T G Nithya | Medicines Any Time | International Research Journal of Engineering and Technology, Vol.07, Issue. 07, Feb 20, pp-2510-2513, e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor: 7.529 | Jul-20 |
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| | Ravi Teja M | | | |
| | Sachine M G | | | |
| 26 | Maghashree V | Smart Village 3.0 | SSRG International Journal of Electronics and Communication Engineering(SSRG-IJECE), Vol 7, Issue 7, Jul 20, pp:4-13, ISSN: 2348-8549 | Jul-20 |
| | Namrathaganesh | | | |
| | Namrathagopal | | | |
| 27 | Shrayas K V | Multi account embedded | | Apr-20 |

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|----|--|---|--|--------|
| | Krishna D Sananda Rao K S Suhas M V | atm card with Fingerprint recognition | Journal of Applied Science and Computations, Vol 7 , Issue IV, April 20, pp:188-190, ISSN : 1076-5131 | |
| 28 | Arirudh K N Sudhanshu S Sharma Vivek | Unified Meter For Electricity, Gas and Water with Automatic Billing and Payment | International Research Journal of Engineering and Technology(IRJET), Vol. 07, Issue.05 May 20, pp. 3755-3757, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor: 7.529 | May-20 |
| 29 | Vinod Kumar P Harshith K | Electricity Generation at Speed Breakers | International Journal of Scientific Research and Engineering Trends Vol 6, Issue 3, May-Jun 20, pp:1-5, ISSN(Online) : 2566-932X | Jun-20 |
| 30 | Vasudev Updhay K S Vignesh Kumar V Tejas P Praveen Tulasidas Naik | A Literature Survey on Miniature Water Purifier Based On IOT | International Journal of Engineering Applied Sciences and Technologies, Vol. 05, Issue.03 Jul 20, pp. 228-230, ISSN: 2455-2143, | Jul-20 |
| 31 | Nandan Gowda S H Jayam Haresh Tharun Ashik B N Deepak Lamani | Smart Voting System using Face Recognition | International Research Journal of Engineering and Technology,(IRJET), Vol 07,Issue : 06, Jun 20, pp: 311-314, e-ISSN:2345-0056,p-ISSN: 2345-0072, Impact Factor: 7.529 | Jun-20 |
| 32 | Charan A Darshan D Madhu N Manjunatha B S | A Literature Survey on Detection of Anomalous Behavior in Examination Hall | International Journal of Engineering Applied Sciences and Technology, 20, Vol.05, Issue 2, 20,pp- 583 – 588, ISSN : 2455-2143, | Jun-20 |
| 33 | P Hemanth Chowdary Ashok Kumar Prabhavathi K Tejaswini B | Smart Electricity Monitoring for Home Appliances | International Research Journal of Engineering and Technology, Vol.07, Issue : 06, Jul 20, pp-1244-1249,20,e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor: 7.529 | Jul-20 |

| | | | | |
|----|---------------------|--|--|--------|
| 34 | Sonia Stanley Louis | Citrus Fruit Classification | International Journal of Research in Engineering, Science and Management, Vol. 03, Issue-7, Jul-2020, pp. 330-332, ISSN(Online): 2581-5782 | Jul-20 |
| | D S Hemalatha | | | |
| | Meghana | | | |
| | J S Saraswathi | | | |
| 35 | T G Nithya | Medicines Any Time | Journal of Applied Science and Computations, Vol.07, Issue. 05,May 20, pp-50-53, e-ISSN:2395-0056, ISSN:1076-5131 | May-20 |
| | Sheethal J Rao | | | |
| | Ravi Teja M | | | |
| | Sachin M G | | | |
| 36 | Sahana D | Implementation of off-Hospital Rural and Urban Public Access Defibrillator | International Research Journal of Engineering and Technology(IRJET),Vol.07, Issue: 02 Feb 20,pp.1 -6 Impact Factor value : 7.23-53, p-ISSN:2395-0072, | Feb-20 |
| | Sahana K G | | | |
| | Madhu G | | | |
| 37 | Deemant K P | A Literature Survey on Density Based Traffic Signal System Using Load cells and IR Sensors | International Journal of Modernization in Engineering Technology and Science, Vol. 02, Issue-6, Jul-20, pp. 1095-1097, e-ISSN:2582-5208 | Jul-20 |
| | Mahammed Waleed | | | |
| | Bharath R | | | |
| 38 | S Swetha | Enhanced Refrigerator with quality and quantity Monitoring(E RQQM) | International Journal of Engineering Applied Sciences and Technology , Vol 4, Issue 11, March 20, pp.128-130, ISSN :2455-2143, | Mar-20 |
| | Chandana R | | | |
| | Shreyashwini V | | | |
| 39 | Shivani K | FFT Computation for Butterfly Unit using verilog HDL | Global Research and Development Journal for Engineering, Vol 5, Issue 3, Feb 20,pp:17-20 ISSN:2455-5703 | Feb-20 |
| | Srividya V R | | | |
| | Sushmitha K N | | | |
| 40 | Pratima V Kashyap | Comparative Study of Multipliers | Studies in Indian place Names UGC Care Journal, Vol 40, Issue70, Mar 20 ,pp:3487-3482, ISSN:2394-3114 | Mar-20 |
| | Navya S | | | |
| 41 | Navin Kumar H G | Implementation of Low, | International Journal of Innovative Technology and Exploring | Dec-20 |

| | | | | |
|----|-----------------|---|---|---|
| | Pruthviraj N | High and Band Pass Filters using Verilog HDL | Engineering(IJITEE),, Vol 9 Issue 02, pp:5178-5182 Dec 2019, ISSN:2278-3075 | |
| | Surya N | | | |
| 42 | Rohini D | Automatic Railway Gate Control Alerts via SMS | Perspectives in Communication, Embedded- systems and Signal-Processing (PiCES), ISSN:2566-932X | 2020 |
| 43 | M Surya | Ultrasonic Bird Repeller for Aviation | International Research Journal of Engineering Applied Sciences and Technology, Vol.05, Issue : 1,(online) May 20, pp-163-166, ISSN:2455-2143 | May-20 |
| | Namita L Rao | | | |
| | Pratham Kumar D | | | |
| 44 | M Surya | On-Board Aircraft Ultrasonic Bird Repeller | International Journal of Engineering Applied Sciences and Technology , Vol.05, Issue 3, 20,pp- 208-224, ISSN:2455-2143 | Jul-20 |
| | Namita L Rao | | | |
| | Pratham Kumar D | | | |
| 45 | M.Sirisha | Design and Implementation of Reversible Computational Circuits by creating libraries of basic gates using verilog HDL | ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical,electronics,communication,computer technologies and optimization techniques , 978-1-7281-3261-7/19, 2019 IEEE | 13 th -14 th December 2019 |
| | Anitha R | | | |
| | Krithika P | | | |
| 46 | G S Surabhi | Design and Implementation of 256*256 Booth ,Multipliers and its Application | ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical,electronics,communication,computer technologies and optimization techniques, 978-1-7281-3261-7/19, 2019 IEEE | 13 th -14 th December 2019 |
| | Madhu S | | | |
| | Bhavana J | | | |
| 47 | Sahana V | Design and Delay Analysis of Various 256-Bit adders using verilog | ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical,electronics,communication, computer technologies and optimization techniques, 978-1-7281-3261-7/19, 2019 IEEE | 13 th and 14 th December 2019 |
| | Rachana S | | | |
| | Ritu Patil | | | |

**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

2018-19

Participation in inter-institute events by students of the program of study and prizes received for the academic year 2018-19

| A. Events within the state | B. Events outside the state | C. Prizes/awards received in such events |
|-----------------------------------|------------------------------------|---|
| 3 | 37 | 1 |

Event attended details of students for the year 2018-2019

| Sl.No. | Name of the Student | Event details | Organized by | Date | Award/Participated |
|---------------|----------------------------|---|---------------------|---------------------------|---------------------------|
| 1 | Divya M | IEEE Project EXPO-2019 | GSSSET, Mysuru | 29 th Apr 2019 | Participated |
| | Disha S | | | | |
| 2 | S.Shwetha | Skill Development programme on Machine Learning | Tequed Labs | 18th -23rd January 2019 | Best Intern Award |

Publication details of students for the year 2018-2019

| SL. No | Name of the Students | Title of paper | Publication details | Date |
|---------------|-----------------------------|---|--|-------------|
| 1 | Pragathi Madhyastha | Survey on Research Challenges and Applications of Unmanned Marine Robot | International Journal of Creative Research Thoughts, Volume 7, Issue 1 March 2019, ISSN: 2320-2882 | Mar-19 |
| | Rashmi Srinivasan | | | |
| | Sanjana S | | | |

| | | | | |
|---|-------------------|---|--|--------|
| | Santhosh K | | | |
| 2 | Suvijith S | IOT Based Camouflage Robot | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 3 March 2019, ISSN : 2349-5162 | Mar-19 |
| | Skanda H N | | | |
| | Smitha S Karanth | | | |
| | Swathi K S | | | |
| 3 | Sannidhi R Shetty | Hand Gesture Recognition and Voice Conversion Systems For Physically Impaired People | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162 | Apr-19 |
| | Shankar Ram | | | |
| | Shreyaswini C K | | | |
| | Shwetha Shree C | | | |
| 4 | Meghana K V | A Survey of Automatic and Manual Floor Cleaning Robot | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162 | Apr-19 |
| | Harshitha V | | | |
| | Mahima Padmanabha | | | |
| | Nagesh N Dikshit | | | |
| 5 | Kavya M | Advanced Driver Scrutiny System | International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653 | Apr-19 |
| | CHAITRA B | | | |
| | Megha V | | | |
| | Alaka | | | |
| 6 | M Sanjay Karanth | Smart Ambulance with Patient Monitoring System-A Survey | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162 | Apr-19 |
| | Bindukumar K T | | | |
| | Gururaj Reddy | | | |
| | Manoj K | | | |
| 7 | Pragnya N | Smart Guide at Museum | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162 | Apr-19 |
| | Pruthvi K Narayan | | | |
| | Girish Kumar | | | |
| | Pavithra P | | | |
| 8 | Pavithra S P | A Survey on Raspberry PI Based Reader and Smart Assistance For Visually Impaired People | International Journal of Current Research Thoughts, Volume 11, Issue 04, April 2019, ISSN: 0975-833X | Apr-19 |
| | Pooja B | | | |
| | Kavya V | | | |
| | Ashwini A | | | |
| 9 | Mayanka Gupta | Recent Trends in Automotive Industry | International Journal for Research in Applied Science & Engineering | Apr-19 |
| | Anusha A Murthy | | | |

| | | | | |
|----|-------------------|---|--|--------|
| | Kavya N | | Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653 | |
| | Chandana G | | | |
| 10 | Sanjana P Nadig | Smart GreenHouse Monitoring System | Journal of Emerging Technologies and Innovative Research, Volume 4, Issue 6, April 2019, ISSN : 2349-5162 | Apr-19 |
| | Rakshitha M S | | | |
| | Sujan G | | | |
| | Yathish S J | | | |
| 11 | Pooja M | Survey on Various Methodologies used for Conservation of Forest Trees | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162 | Apr-19 |
| | Rakshitha S | | | |
| | Sanajana S Maney | | | |
| | Shashi O | | | |
| 12 | Bhamini | A Survey on Robotic applications in Surveillance and Rescue Aid | International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653 | Apr-19 |
| | Harshith R | | | |
| | Muneeb | | | |
| | Nagabhushana Nhat | | | |
| 13 | Arpitha N V | CERES- An Autonomous and Versatile Agriculture Robot | International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653 | Apr-19 |
| | Abhishek S | | | |
| | Akshaya Ram | | | |
| | Chethan N Shetty | | | |
| 14 | Alekhya R | Smart Cargo Monitoring and Security System | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162 | Apr-19 |
| | Archana K N | | | |
| | Deepashree R | | | |
| | Nanda S | | | |
| 15 | Arjun M Krishna | Food Monitoring and Control System using IOT | International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653 | Apr-19 |
| | Dhruthi Sridhar | | | |
| | Harshitha Ramesh | | | |
| | Mukul Venkatesh | | | |
| 16 | Bhumika R | Automated Shopping Trolley for Billing System | International Journal of Advance Research, Ideas and Innovaions in Technology, Volume 5, Issue 2, 2019 ISSN : 2454-132X | Apr-19 |
| | Harshitha G | | | |
| | Chandana K | | | |
| | Meghashree R T | | | |
| 17 | Kishore Bhat U | Watchdog For ATM | Journal of Applied Science and | Apr-19 |
| | Anurag Reddy | | | |

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|----|--------------------------|---|---|--------|
| | Ankita A | | Computations, Volume VI, Issue 4, April 2019 ISSN : 1076-5131 | |
| | Harsha N | | | |
| 18 | Pallavi T K | A Survey on Electronic Valve with Quantitative Control and To Avoid Reserve Flow of Blood | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162 | Apr-19 |
| | Ramya H N | | | |
| | Roopa N | | | |
| 19 | Pragna B R | Forest Monitoring | Journal of Emerging Technologies and Innovative Research, Volume 9, Issue, April 2019, ISSN : 2349-5162 | Apr-19 |
| | Poojary Praveen Mahabala | | | |
| | Punith N | | | |
| | Sai Pranav | | | |
| 20 | Suvijith S | IOT Based Camouflage Army Robot | Journal of Applied Science and Computations, Volume VI, Issue 4, April 2019 ISSN : 1076-5131 | Apr-19 |
| | Skanda H N | | | |
| | Smitha S Karanth | | | |
| | Swathi K S | | | |
| 21 | Pragna B R | Ecology Monitoring | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162 | Apr-19 |
| | Poojary Praveen Mahabala | | | |
| | Punith N | | | |
| | Sai Pranav | | | |
| 22 | Pavan S Patil | Survey on Object Recognition Techniques Using Machine Learning | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162 | Apr-19 |
| | Santhosh Kumar V | | | |
| | Udaykumar | | | |
| | Vishwas K K | | | |
| 23 | Alekhyia R | Smart Electronic Security System For Cargo Containers | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | Archana K N | | | |
| | Deepashree R | | | |
| | Nanda S | | | |
| 24 | Meghana K V | Automatic and Manual Floor Cleaning Robot | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | Harshitha V | | | |
| | Mahima Padmanabha | | | |
| | Nagesh N Dikshit | | | |
| 25 | M Sanjay Karanth | | Journal of Emerging Technologies and | May-19 |

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|----|---------------------|---|---|--------|
| | Bindukumar K T | Smart Ambulance with Patient Monitoring System | Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | |
| | Gururaj Reddy | | | |
| | Manoj K | | | |
| 26 | Girish H S | Smart Voting System | International Research Journal of Engineering and Technology, Volume 6, Issue 5, May 2019, e-ISSN : 2395-0056, p-ISSN : 2395-0072 | May-19 |
| | Gowtham R | | | |
| | Harsha K N | | | |
| | Manjunatha B | | | |
| 27 | Uday Chwdhary | RFID Based Prepaid Energy Meter | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | K Rohini | | | |
| | K Vinod Kumar | | | |
| | M Sri Sai Charitha | | | |
| 28 | Harish Reddy | Hybrid Power Generation | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | Yathendra Kumar | | | |
| | Madhuchandan | | | |
| | Monisha S | | | |
| 29 | Sameer Srivatsa | A Survey of Various Vehicle Detection Methodologies | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | Sangam Swadi | | | |
| | Subramanya G U | | | |
| | Sushanth Korenavar | | | |
| 30 | Pragathi Madhyastha | Solar Powered Unmanned Marine Robot using Radar System | International Journal of Engineering Research & Technology, Volume 8, Issue 5, May 2019, ISSN : 2278-0181 | May-19 |
| | Rashmi Srinivasan | | | |
| | Sanjana S | | | |
| | Santhosh K | | | |
| 31 | Suhail Yousuf Bhat | Continuous Ambulatory Peritoneal Dialysis (CAPD) Assistive Device | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | Thanusha S V | | | |
| | Jagdish S | | | |
| | Nallani Priya | | | |
| 32 | Bhamini | Biomorphic Hyper Redundant Robot For Disaster Surveillance | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | Harshith R | | | |
| | Muneeb | | | |
| | Nagabhushana Nhat | | | |

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|----|------------------|---|---|--------|
| 33 | Shwetha S | Dustless Environment | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | P Ankitha | | | |
| | Pooja N Rao | | | |
| | Ratan Bhagat | | | |
| 34 | Nagateja P | A Survey on Security Device For Women and Kids Safety | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | Namratha T R | | | |
| | Sumanth R | | | |
| 35 | Ajaya Kumar L | Different Technologies Used For Sericulture Field: A Survey | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162 | May-19 |
| | Charan Babu | | | |
| | Dhanush K A | | | |
| | Dhanraj | | | |
| 36 | Pooja M | Anti-Theft Alarm System For Forest Trees using WSN | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, May 2019, ISSN : 2349-5162 | May-19 |
| | Rakshitha S | | | |
| | Sanajana S Maney | | | |
| | Shashi O | | | |
| 37 | Pavan S Patil | Visual Object Recognition Using Tensor Flow | Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, May 2019, ISSN : 2349-5162 | May-19 |
| | Santhosh Kumar V | | | |
| | Udaykumar | | | |
| | Vishwas K K | | | |
| 38 | Mayanka Gupta | Artificial Intelligence Based Solar Vehicle | National Conference on Electronics and Communication Engineering(NCEC-2019) at DSCE,Bangalore | May-19 |
| | Anusha A Murthy | | | |
| | Kavya N | | | |
| | Chandana G | | | |

**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

2017-18

Participation in inter-institute events by students of the program of study and prizes received (2017-2018)

| A. Events within the state | B. Events outside the state | C. Prizes/awards received in such events |
|-----------------------------------|------------------------------------|---|
| 08 | 23 | 02 |

Event Details of students for the year (2017-2018)

| Sl. No . | Name of the Students | Event details | Organized by | Date | Award/Participated |
|-----------------|-----------------------------|--|--|---|---------------------------|
| 1 | Nagabhshana Bhat S C | Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)" | Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida | 17th - 19th Jan 2018 & 20th - 21st Jan 2018 | Participated |
| 2 | Yukesh R | Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)" | Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida | 17th - 19th Jan 2018 & 20th - 21st Jan 2018 | Participated |

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|---|------------|---|--|---|--------------------|
| 3 | Pavan B V | Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)" | Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida | 17th - 19th Jan 2018 & 20th - 21st Jan 2018 | Participated |
| 4 | Pragnya N | 12 WEEKS NPTEL Online Course on "Introduction to Internet of Things:" | NPTEL Online Certification | Jan - April 2018 | Participated |
| 5 | Pooja M | 12 WEEKS NPTEL Online Course on "Introduction to Internet of Things:" | NPTEL Online Certification | Jan - April 2018 | Topper |
| 6 | Skanda H N | Mangalore Institute of Technology and Engineering, Moodabidri | Best Student Award-ISTE | 6th Oct 2018 | Best Student Award |

Publication details of students for the year 2017-2018

| SL. No | Name | Title of paper | Publication details | Date |
|---------------|--------------------|---|--|-------------|
| 1 | Rohit K | Fuel pump dispensign system | International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847 | March 2018 |
| | Jagadeesh V | | | |
| | Bose babu V M | | | |
| | Santhosh K P | | | |
| 2 | Raksha Ghosh | Embedded IOT based water supply distribution system for suburban area A Survey | International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847 | March 2018 |
| | Ullas S | | | |
| | Pragathi R | | | |
| 3 | Raksha Ghosh | Power theft detection in agriculture and field protection - a literature survey | International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847 | March 2018 |
| | Nischitha N | | | |
| | Navitha T | | | |
| | Jayashree Kavya V | | | |
| 4 | C Krishna Prasad | Real time collision avoidance and accident prevention | Perspectives in communication Embedded systems and signal processing, Vol 01, Issue 12, March 2018, ISSN : 2566-932X | March 2018 |
| | Lavanya S | | | |
| | Manikanta S Rao | | | |
| | Nandu Rajeshwari K | | | |
| 5 | Ullas S | Real time accident and breakdown alerting systems A Survey | International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847 | March 2018 |
| | Pragathi R | | | |
| | Mr Rohit K | | | |
| 6 | Chethana N Gowda | A Survey on smart city application an IOT based car parking system | International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 - 2882 | April 2018 |
| | Aishwarya C S | | | |
| | Sruthi Boggarapu | | | |

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|----|------------------------|---|--|------------|
| | Mrdulla P . Y | | | |
| 7 | Mohan Reddy B | High protection voice identification based bank locker security system with live image authentication -A literaure survey | International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 - 2882 | April 2018 |
| | Srinivasa | | | |
| | Ramya L.K | | | |
| | Akshaya R K | | | |
| 8 | Ashwini S | Body Area network(BAN) Based Smart security card system A Survey | International Journal of Recent Engineering Research and Development, Volume 03, Issue 04, April 2018, ISSN : 2455 -8761 | April 2018 |
| | Anup Ramesh Wadavi | | | |
| | M Krishna Prasad | | | |
| 9 | Bidhan Raj Thapa | Obstacle Avoiding Robot using Arm Controller - A Survey | International Journal of Latest Engineering & Management Research, Volume 03, Issue 04, April 2018, ISSN : 2455-4847 | April 2018 |
| | Shailja Shekhar | | | |
| | Delna Manuel | | | |
| | Vinay Kumar S | | | |
| 10 | Arjula Harshitha Reddy | A Survey CAN based Vehicle monitoring system | International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 - 2882 | April 2018 |
| | Chethan K P | | | |
| | Harshitha M | | | |
| | Lakshantya B | | | |
| 11 | Jayashree Kavya V | Power theft detection in agriculture and | International Journal of Creative Research Thoughts , Volume | April 2018 |

| | | | | |
|----|---------------------------|--|--|------------|
| | Sanjana K S | field protection | 06, Issue 02, April 2018, ISSN : 2320 - 2882 | |
| | Navitha T | | | |
| | Nishchitha N | | | |
| 12 | Ritu P Simha | Smart Tool kit for the visually Impaired - A Survey | International Journal of Latest Engineering & Management Research, Volume 03, Issue 04, April 2018, ISSN : 2455-4847 | April 2018 |
| | Praveen Prasanna G et al. | | | |
| | Tejas D s et al | | | |
| | Pavan B V et al | | | |
| 13 | Abhishek R | Smart Integrated multiple tracking system development for IOT based Target-oriented logistics vehicles location and resource service | International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780 | 2018 |
| | Akshatha C R | | | |
| | Pragathi M | | | |
| | Bhrarambamba LS | | | |
| 14 | Ashish Kumar R | Smart Motorbike Integration using IOT | International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780 | 2018 |
| | Abdul Bari | | | |
| | Harshavardhan K | | | |
| 15 | Aakash P S | Wireless power transfer for smart applications | International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780 | 2018 |
| | Aishwarya V H | | | |
| | Akhil D R | | | |
| | Anusha R | | | |

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|----|----------------------|---|--|---------------------------|
| 16 | Nithin S | Development of Wireless USB Flash Drive Using Omega 2+ | International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780 | 2018 |
| | Spoorthy C | | | |
| | Priyanka J Hiremath | | | |
| | Pallavi C | | | |
| 17 | Akshaya R K | High protection voice identification based bank locker security system with live image authentication | International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780 | 2018 |
| | Mohan Reddy B | | | |
| | Srinivasa | | | |
| | Ramya L.K | | | |
| 18 | Ritu P Simha | Array Based Graphical Password | International conference on signal, Image processing communication and Automation(ICSIPCA -2017), JSS academy of technical education | 6th & 7th July 2017 |
| | Nithya S | | | |
| | Sneha P.K | | | |
| | Rabichith | | | |
| 19 | Sanket S Hiremath | Automatic control of road traffic using video processing | International conference of smart technologies for smart nation, Reva University | 17th -19th August 2017 |
| | Ashwin S | | | |
| | Akshay Vasist R | | | |
| 20 | Chirranthan C V | Digital MCB | International conference of smart technologies for smart nation, Reva University | 17th -19th August 2017 |
| | Krishna Prasad M | | | |
| | Shreyas R Y | | | |
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