

Rao Bahadur Y Mahabaleswarappa Engineering College, Ballari

Dept. of Electronics & Communication Engineering

LIST OF PAPERS PUBLISHED IN NATIONAL/INTERNATIONAL CONFERENCES & JOURNALS BY FACULTY MEMBERS

Year 2020- 21

| Sl.No. | Name of the Faculty | Title of the Paper | Publication Citation | Paper links |
|--------|---------------------|---|--|---|
| 1 | Dr. Savita Sonoli | Approximate Full Adders for Multimedia Processing Application | IEEE-2020, INOCON 6th-8th November -2020 ,978-1-7281-9744-9/20 @2020IEEE | https://ieeexplore.ieee.org/document/9298237?denied= |
| 2 | Mr.Kajamonuddin | SWARN ROBOTICS | IJMTST ISSN:2455-3778 online FEB-2021 | http://www.ijmtst.com/vol7issue02.html |
| 3 | Mrs.Chinna V gouda | Approximate Full Adders for Multimedia Processing Application | IEEE-2020, INOCON 6th-8th November -2020 ,978-1-7281-9744-9/20 @2020IEEE | https://ieeexplore.ieee.org/document/9298237?denied= |
| 4 | Mr.Zakirulla | SWARN ROBOTICS | IJMTST ISSN:2455-3778 online FEB-2021 | http://www.ijmtst.com/vol7issue02.html |
| 5 | Mr.Shrikanth | SWARN ROBOTICS | IJMTST ISSN:2455-3778 online FEB-2021 | http://www.ijmtst.com/vol7issue02.html |
| 6 | Mrs.Manasa K.C | SWARN ROBOTICS | IJMTST ISSN:2455-3778 online FEB-2021 | http://www.ijmtst.com/vol7issue02.html |
| | | | Total | 6 |

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Year 2019 - 20

| Sl.No | Name of the Faculty | Title of the Paper | Publication citation | Paper links |
|-------|---------------------|--|---|---|
| 1 | Dr Savita Sonoli | “ Multi-objective solution with PSO algorithm for minimization of torque ripple and speed settling time by using solar-fed 11,9 and 3-level multi-level inverter with vector control of induction motor” | Vol. 11, No. 2, June 2020, pp. 827~832, ISSN: 2088-8694, | https://www.researchgate.net/publication/341835550_Multi-objective_solution_with_PSO_algorithm_for_minimization_of_torque_ripple_and_speed_settling_time_by_using_solar-fed_119_and_3-level_multi-level_inverter_with_vector_control_of_induction_motor/link/5ed6f79c92851c9c5e7497f8/download |
| | | “Design of 12-Bit SAR ADC using Split Capacitor Based DAC Architecture at 45nm CMOS Technology” | (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October 2019 | https://www.ijitee.org/wp-content/uploads/papers/v8i12/J95130881019.pdf |
| | | “Design of Power Efficient Differential Amplifier Using 1 UM and 180 NM Technology” | (IJESR), Vol-9, Issue-8, August 2019, ISSN 2277-2685, pp 1-7. | http://www.ijesr.org/admin/upload_journal/journal_Naveen%201au19sr.pdf |
| | | “ Implementation of Optimized Carry Look Ahead Adder Using Cadence” | JETIR / UGC Approved) , July 2020, Volume 7, Issue 7 | https://www.jetir.org/papers/JETIR2007098.pdf |

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| | <p>“ Design and Implementation of 4x4 Vedic Multiplier using Cadence”</p> | <p>(IJERT), ISSN: 2278-0181 Vol. 9, Issue 07, July-2020, pp.732-735</p> | <p>https://www.researchgate.net/publication/343056295_Design_and_Implementation_of_4x4_Vedic_Multiplier_using_Cadence</p> |
| | <p>“Intelligence Health Gateway Based on Internet-of-Things for Ubiquitous Healthcare Systems”</p> | <p>(IRJET) e-ISSN: 2395-0056 p-ISSN: 2395-0072, Volume: 07 Issue: 07, July 2020, pp.281-287</p> | <p>https://issuu.com/irjet/docs/irjet-v7i750</p> |
| | <p>“Implementation of Parallel Adder Using 180nm and 45nm Technology in Cadence Tool”</p> | <p>(IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 07, Issue: 08, Aug 2020, pp.2271-2275</p> | <p>https://www.irjet.net/archives/V7/i8/IRJET-V7I8376.pdf</p> |
| | <p>“A Review On Content Based Image Retrieval System Process And Features”</p> | <p>(JETIR), ISSN-2349-5162, Volume 7, Issue 8, August 2020, pp.65-70,</p> | <p>https://www.jetir.org/view?paper=JETIR2008311</p> |
| | <p>A survey on integrated analysis of HSV Colour histogram Characteristics with Shape based edge detection to improve the retrieval System Performance in Content -based Image Retrievals</p> | <p>GEDRAG & ORGANISATIE REVIEW ISSN,0921-5077/1875-7235 Vol 33, Issue 04</p> | <p>https://www.semanticscholar.org/paper/A-survey-on-the-integrated-analysis-of-HSV-color-to-Chigateri-Sonoli/e7f3110568f2267852b0c41492949cea96dfbd46</p> |
| | <p>Light weight Three - factor Authentication and Key agreement protocol for Internet Integrated wireless sensor Networks</p> | <p>(IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 07, Issue: 08, July 2020, pp.2271-2275</p> | <p>https://ieeexplore.ieee.org/document/7870585</p> |

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| 2 | Dr. Prabhavthi | WAN Based Anti Intrude alarm System Fopr Trees Forest | IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 07, Issue: 08, July 2020, pp.2271-2275 | https://www.irjet.net/archives/V7/i7/IRJET-V7I71003.pdf |
| | | A Physiscal Layer Technique For 5G and Beyond | JETIR / UGC Approved) , July 2020, Volume 7, Issue 6 ISSN:2349-5162 | |
| | | IOT and Machine Learning based Solar Automated Ambulance | (JETIR), ISSN-2349-5162, Volume 7, Issue 8, JULY 2020, pp.65-70, | https://www.jetir.org/view?paper=JETIR2007179 |
| 3 | Mrs Rakhee Patil | IOT Based Smart Poultry Farm | IRE Volume 4 Issue 2 ISSN: 2456-8880 | https://issuu.com/irejournals/docs/ire1702461 |
| 4 | Mr.Khaja Moinuddin | An Impact of Black Hole Attack on AODV Routing Protocol in MANETS Using NS2 Tool | IJIRCCE,Vol. 8, Issue 3, March 2020,ISSN(Online): 2320-9801 ISSN (Print): 2320-9798 | https://drive.google.com/file/d/1ZSrzo-aapqvYkt2EK136lwBeAm5AL3-K/view?usp=sharing |
| | | IOT based Automated Sericulture System | IJESC ,Vol 10 issues no 8Aug 2020,ISSN 2321-3361 | https://ijesc.org/upload/a9ef2fc318a25f2befd726f0eb614200.IoT%20Based%20Automated%20Sericulture%20System.pdf |
| 5 | Mr. Md.M. Zakirulla | An Impact of Black Hole Attack on AODV Routing Protocol in MANETS Using NS2 Tool | IJIRCCE,Vol. 8, Issue 3, March 2020,ISSN(Online): 2320-9801 ISSN (Print): 2320-9798 | https://drive.google.com/file/d/1ZSrzo-aapqvYkt2EK136lwBeAm5AL3-K/view?usp=sharing |
| | | Talking Energy Meter based on Microcontroller | IRJET e-SSN :2395-0056,P-ISSN:2395-0072,Vol 7,issue: Sep 2020 | https://www.irjet.net/archives/V7/i9/IRJET-V7I9105.pdf |
| 6 | Mr. Prashanth Keni | Real Time Implementation Of Hybrid Personal Tracking System For | IJECE -Volume 7,Issue 6 June-2020ISSN: 2348-8549 | http://www.internationaljournalssrg.org/IJECE/2020/Volume7-Issue6/IJECE-V7I6P104.pdf |

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| 7 | Mrs Girija Vani | Aadhar based Anywhere Voting System | (IJRASET) ISSN: 2321-9653; IC Value: 45.98 Volume 8 Issue VIII Aug 2020- | https://drive.google.com/file/d/1yTntsqK29HxTBYNgv1ZgZ_nRcFg7Odsp/view?usp=sharing |
| 8 | Mrs.Anita A | BORDER SECURITY IMPLEMENTATION USING PIR SENSOR | IJESC ,Vol 10 issues no 6 ,June 2020,ISSN 2250-1371 | https://ijesc.org/upload/6cac7829fc322d8ee257a98cc39baf5f.Border%20Security%20Implementation%20using%20PIR%20Sensor.pdf |
| 9 | Mr.Sharanagouda V.Patil | PERFORMANCE ANALYSIS OF SRAM AT DIFFERENT TECHNOLOGIES USING CADENCE | IJESC ,Vol 10 issues no 6 ,June 2020,ISSN 2250-1371 | https://ijesc.org/upload/dbdd4cf4d1964e517326d4c9bb113bf5.Pperformance%20Analysis%20of%20SRAM%20at%20Different%20Technologies%20using%20Cadence.pdf |
| 10 | Mrs Chinna V Goudar | Automated accident Detection and Rescue System | IJCESR ISSSN : 2393 8374-ISSN online 2394-0697 ,Volume VII Issue :IX Aug-2020 | http://troindia.in/journal/ijcesr/vol7iss9/1-4.pdf |
| 11 | Mrs Vani H | Floating Objects Collection Using Robotics ARM | IRJET e-SSN :2395-0056,P-ISSN:2395-0072,Vol 7,issue: 8,AUG 2020 | https://www.irjet.net/archives/V7/i8/IRJET-V7I8576.pdf |
| 12 | Mr.Lokesh K S | Electronic Speech For DeafAnd Dumb Using Arduino Mega 2560 | IJAREEIE e-SSN :2278-8875,P-ISSN:2320-3765,Vol 9,issue: 7,june 2020 | http://www.ijareeie.com/upload/2020/july/33_Electronic_NC.PDF |
| 13 | Mr.Sharanabasavara j B | ASSISTIVE SYSTEM FOR DEAF, DUMB OR BLIND | 2020 JETIR July 2020, Volume 7, Issue 7 ISSN-2349-5162 | https://www.jetir.org/view?paper=JETIR2007359 |
| 14 | Mr.Santosh Mugali | FULLY AUTOMATIC ROBOT USED FOR SPRAYING MEDICINES FOR CROPS. | (IJCESR) ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-7, ISSUE-8, JULY 2020 | http://troindia.in/journal/ijcesr/vol7iss8/69-72.pdf |

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| 15 | Ms Rohini H M | “An Automatic System for Detecting and Counting RBC and WBC Using Fuzzy Logic” | IJARCCCE,ISSN (Online) 2278–1021 ISSN (Print) 2319–5940I volume 9,ssue 6, June 2020 | https://ijarccce.com/papers/an-automatic-system-for-detecting-and-counting-rbc-and-wbc-using-fuzzy-logic/ |
| 16 | Mr. Channaveerana Gouda | Smart Restaurant Based On Embedded System | JETIR, Vol. 7, Issue37, July 2020 2020,ISSN(Online): 2394-5162 ISSN (Print): 2320-9798 | https://www.jetir.org/view?paper=JETIR2007440 |
| 17 | Mrs. Manasa .C. | A survey on integrated analysis of HSV Colour histrogram Charcteristics with Shape based edge detection to improve the retrieval System Performance in Content -based Image Rettrievals | GEDRAG &ORGANISATIE REVIEW ESSN,0921-5077/1875-7235 Vol 33,Issue 04 | https://www.semanticscholar.org/paper/A-survey-on-the-integrated-analysis-of-HSV-color-to-Chigateri-Sonoli/e7f3110568f2267852b0c41492949cea96dfbd46 |
| | | An Impact of Black Hole Attack on AODV Routing Protocol in MANETS Using NS2 Tool | IJIRCCE, Vol. 8, Issue 3, March 2020,ISSN(Online): 2320-9801 ISSN (Print): 2320-9798 | https://drive.google.com/file/d/1ZSrzo-aapqvYkt2EK136lwBeAm5AL3-K/view?usp=sharing |

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| 1 | Dr. Savitha Sonoli | Design of Power Efficient Differential Amplifier Using 1 UM and 180 NM Technology | (IJESR), Vol-9, Issue-8, August 2019, ISSN 2277-2685, pp 1-7. | http://www.ijesr.org/admin/upload_journal/journal_Naveen%201au19sr.pdf |
| | | Methods Performance Research on Iterative for Image Deblurring | CETESM-2019,ISSN (Online) 2394-6849 | https://www.researchgate.net/publication/343229496_Performance_Research_on_Iterative_Methods_for_Image_Deblurring |
| | | Starting torque and torque ripple reduction using SVPWM based vector control of induction motor with nine-level cascaded multilevel Inverter fed with solar PV power | CETESM-2019,ISSN (Online) 2394-6849 | https://www.researchgate.net/publication/333538616_Starting_torque_and_torque_ripple_reduction_using_SVPWM_based_vector_control_of_induction_motor_with_nine-level_cascaded_multilevel_inverter_fed_with_solar_PV_power |
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| | | Advanced Electronic Voting Machine Using Internet Of Things (IoT) | JETIR CN06079 - An International Open Access Journal & UGC and ISSN Approved, Volume 6, Issue 5, May 2019, ISSN-2349-5162, pp 425-429 | https://www.jetir.org/papers/JETIRCN06079.pdf |
| | | Image Denoising Using Spectral Component Decomposition | JETIR CY06022), Volume 6, Issue 5, May 2019, ISSN-2349-5162, pp 139-144 | https://www.jetir.org/view?paper=JETIRCY06022 |
| 2 | Dr. Prabhavthi | Dynamic traffic Light control system For Ambulance Based ON IOT | ICETESM-2019,ISSN (Online) 2394-6849 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i5/Ext_62053.pdf |
| | | Design and Comparative Analysis Of algorithm of Processing time ,data Aggregation Time ,Packet Delivaery Radio And Energy | ICETESM-2019,ISSN (Online) 2394-6849 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i5/Ext_62053.pdf |
| | | Green Touch Green meter core Network energy _efficiency Improvement Measures and OptimiZation | ICETESM Vol 6, Issue 4, April 2019 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i5/Ext_62053.pdf |
| | | Wireless Capsule Endoscopy | ICETESM Vol 6, Issue 4, April 2019 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i5/Ext_62053.pdf |
| 4 | Mrs.Rakhee. Patil | Protection of crops and proper usage of rain water using IOT | Vol 6, Issue 4, April 2019 | http://www.jetir.org/papers/JETIRCJ06132.pdf |

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| 6 | Ms.Rohini H.M | Smart vehicales Using Arduino | (IJERECE) Vol 6, Issue 5, May 2019,ISSN (Online) 2394-6849 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i5/Ext_37965.pdf |
| 7 | Mrs. Vani H MrsMansa K.C | Cochelear Implant | (IJERECE) Vol 6, Issue 5, May 2019,ISSN (Online) 2394-6849 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i5/Ext_97845.pdf |
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| | | Arudino based solar power electronic voting machine in content and preceding Book | (IJERECE) Vol 6, Issue 5, May 2019,ISSN (Online) 2394-6849 | https://www.ijert.org/solar-based-electronic-voting-system-linked-with-aadhar-using-rfid-for-safe-and-secure-voting |
| 9 | Mr. Kaja moinuddin | Convervation of trees in forest based on IOT | Vol 6, Issue 5, May 2019,ISSN (Online) 2394-6849 | https://www.jetir.org/papers/JETIRCJ06089.pdf |
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| 10 | Mr. Suvarna Patil | A Review on data cleaning for Wireless Sensor Networks | ICETESM-2019,ISSN (Online) 2394-6849 | http://www.jetir.org/papers/JETIRCJ06125.pdf |

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| 11 | Mr. Md. Zakirulla | Advanced Headlight Monitored Ans collision prevention system in A utomobiles | ICETESM-2019 | https://www.jetir.org/papers/JETIR1906143.pdf |
| 12 | Mr. Md. Zakirulla Mrs.Manasa Chigateri | Telemedicine Based health Monitoring approach using GPS Module | JETIR February-2019 volume6 issue 2, journal No: 63975 | https://www.ijert.org/A-Review-on-IOT-based-Telemedicine-Health-Care-System |
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| 14 | Mr. Sudarshan Banakar | Most recent document title: Pid controller for thermal control in satellites | ICETESM-2019 volume6 issue 5 may 2019,ISSN 2349-5162 | UGC https://www.ijrte.org/wp-content/uploads/papers/v8i2S3/B12000782S319.pdf |
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| 18 | Mrs. Chinna V.G | Solid Waste Management Planning | JETIR ISSN: 2349-5162 May 2019, Volume 6, Issue 5 | https://www.jetir.org/papers/JETIRCJ06123.pdf |
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| 19 | Mr.Sharanabasavaraj B | Implementation of drowsiness, vehicle safety and alcohol intoxication detection using raspberry pi | CETESM-2019 volume6 issue 5 may 2019,ISSN 2349-5162 | https://www.jetir.org/papers/JETIRCJ06140.pdf |
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| 20 | Mr. Shridhar Bilagi | Food And water Quality Analysis System based on IOT | ICETESM-2019,ISSN (Online) 2400-6849 Vol 6, Issue 4, April 2019 | https://www.iferp.in/past-conference/proceeding/ICETESM-19.pdf |
| 21 | Mr.Lokesh.K S | Application of IOT in Aquaclture | ICETESM-2019,ISSN (Online) 2400-6849 Vol 6, Issue 4, April 2019 | https://www.iferp.in/past-conference/proceeding/ICETESM-19.pdf |

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| 22 | Mr. Veerareddy | Domotics Based on EEG waves and Ocul gestures for Physically Challenged | ICETESM-2019,ISSN (Online) 2394-6849 Vol 6, Issue 4, April 2019 | http://www.jetir.org/papers/JETIRCJ06088.pdf |
| 23 | Mr.Shrikanth N | Smart crop protection system from animals and fire using Aurdino | ICETESM-2019,ISSN (Online) 2400-6849 Vol 6, Issue 4, April 2019 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i4/Ext_90718.pdf |
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| 25 | Mr. Nagaraj Gouda | Automatic LPG cylinder Booking And Leakage detection Using Auduino UNO | ICETESM-2019,ISSN (Online) 2400-6849 Vol 6, Issue 4, April 2019 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i4/Ext_96027.pdf |
| 26 | Mr.Panindra Reddy kannari | Performance Oriented Design Of A hexapad Robot | ICETESM-2019,ISSN (Online) 2400-6849 Vol 6, Issue 4, April 2019 | https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i4/Ext_96027.pdf |
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