| **Academic Year (2020-2021)** |
|---|---|---|---|---|
| S. No | Name of the Faculty | Title | Name of the Journal/Conference | Vol/Issue No, Page, Year |
| 1 | Dr. K. G. Revathi | Smart and secure ATM surveillance system for Banking Networks | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 2 | Dr.K.G.Revathi | Real time telemonitoring system for pregnant women using iot | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 3 | Dr.K.G.Revathi | "A novel video compression then restoration artifact reduction method based on optical flow consistency to improve the quality of the video | European Journal of Molecular &amp; Clinical Medicine, | Volume 7 ,Issue3| December 2020, Page No : 5463-5474| ISSN: ISSN 2515-8260 |
| 4 | Dr.K.G.Revathi | "Ebike with GSM module" | GIS Science Journal, | Volume 7 | November 2020, Page No : 1104-1109| ISSN: 1869-9391. |
| 5 | Dr. K.G. Revathi | "MOSFET based SIDO Buck – Boost Power Factor Correction Converter" | Suraj Punj Journal For Multidisciplinary Research Journal, | Volume 10,Issue 10, | November 2020, Page No : 55-63| ISSN:2394-2886. |
| 6 | Dr.Suja Manimalar | Implementation of Fractional PI controller for optimal speed control of induction motor fed with QUASIZ – Source converter | Elsevier | https://doi.org/10.1016/j.micpro.2020.103323 |
| 7 | Dr.Suja Manimalar | A bridgeless low converter based speed control of switched reluctance motor using particle swarm optimization(Pso) tuned proportional integral controller. | Elsevier | https://doi.org/10.1016/j.micpro.2020.103039 |

| | | | | |
|---|---|---|---|---|
| 8 | Dr.Latha.M | Combined Metaheuristic algorithm and radiomics strategy for the analysis of Neuroanatomical structures in schizophrenia and schizoaffective disorders | ScienceDirect IRBM | https://doi.org/10.1016/j.micpro.2020.10.006 |
| 9 | Mrs.S.P Shally | Gesture of speech recognition for mute community | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 10 | Ms.A. Preethi Vinnarasi | Safety Iginition System in Two Wheelers | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 11 | Mrs. M.Anin Manjusha | Embedded Based Real Time Monitoring and Detection of Bacterial9Contamination in Drinking Water | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 12 | Mrs. M.Anin Manjusha | Secured Maritime Alert System Based on RSSI Technology | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 13 | Mrs .Reena Roslin Raj .I | Investigation of Ytterbium Doped fiber amplifier in 1-um region for high gain enhancement | International Journal Of Advanced Research in Electronics, Communication and Instrumentation Engineering and Development | Volume 3 Issue 1 Apr,2021,ISSN_ NO 2347-7210 |
| 14 | Mrs. J. Lurthumary | Design of Multiband Microstrip Antenna for 5g Wireless communication. | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 15 | Mrs. S. P. Shally | Mobile Charging System Using Radio Frequency Energy Harvesting | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |

| 16 | Ms.Preethi Vinnarasi .A | Power Theft Identification by using IOT | International Journal of Innovative Research in Technology(IJIRT Journal) | ISSN 2349 6002 Ref no : IJIRT 150966/ Volume 7/ issue11/ |
|---|---|---|---|---|
| 17 | Dr.K.G.Revathi | Lora based end to end tracking system overcoming signal transmission error | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 18 | Ms.A.Preethi Vinnarasi | A Braille Language Based SMS System For Blind - Deaf People | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 19 | Dr. K. G. Revathi | Automatic Temperature Controlled Suit Using Smart Fabrics. | International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development(ISR journal) | Volume 3, Issue 1,April 2021,ISSN_NO:2347-7210. |
| 20 | Mrs. S. P. Shally | Smart Covid Screening And Access Control System | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7 , Issue 11, April 21 , ISSN NO: 2349-6002 |
| 21 | Mrs .Reena Roslin Raj .I | Smart Farm Intruder Detection System Using Cloud Based IoT | International Journal Of Advanced Research in Electronics, Communication and Instrumentation Engineering and Development | Volume 3 Issue 1 Apr,2021,ISSN_ NO 2347-7210 |
| 22 | Mrs .Reena Roslin Raj .I | Unique Methodology to Detect and Dispose Oil Spill from Sea Water | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7, Issue 11, April 2021, ISSN NO: 2349-6002 |
| 23 | Mrs. Reena Roslin Raj. I | Accident Monitoring and Detection System In Vehicles | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7, Issue 11, April 2021, ISSN NO: 2349-6002 |
| 24 | Mrs. LurdhuMary | Digital Notice Board Based on IOT | International Journal of Innovative Research in Technology(IJIRT | Volume 7, Issue 11, April 2021, ISSN NO: 2349-6002 |

| | | | | |
|---|---|---|---|---|
| | | | Journal) | |
| 25 | Ms. A. Preethi Vinnarasi | LPG Gas Monitoring system using Arduino | International Journal of Innovative Research in Technology(IJIRT Journal) | Volume 7, Issue 11, April 2021, ISSN NO: 2349-6002 |
| 26 | Dr. K. G. Revathi | Smart Traffic Control for emergency vehicles using IOT | International Journal Of Advanced Research in Electronics, Communication and Instrumentation Engineering and Development | Volume 3 Issue 1 May,2021,ISSN_ NO 2347-7210 |
| 27 | Mrs. S. P. Shally | "Video-Object Detection using Background Subtraction in Spartan 3 FPGA Kit" | Publisher: IEEE | 2020 7th International Conference on Smart Structures and Systems (ICSSS), DOI:10.1109/ICSSS49621.2020.9202392 , 22 September 2020 , ISBN:978-1-7281-7228-6 |
| 28 | Dr. M. Mary Adline Priya | Optimal Deep Belief Network with Opposition based Pity Beetle Algorithm for Lung Cancer Classification: A DBNOPBA Approach | Elsevier- Computer Methods and Programs in Biomedicine | https://doi.org/10.1016/j.cmpb.2020.105902 |
| 29 | Dr. M. Mary Adline Priya | Advanced lung cancer classification approach adopting modified graph clustering and whale optimization-based feature selection technique accompanied by a hybrid ensemble classifier | IET Image Processing | Volume 14, Issue 10, | July 2020, Page No : 2204-2215 |