

## Journal Papers Published

2020-21

| S.No. | Name of the Faculty      | Title of the paper   | Title of the Journal  | Date         | Issue No. and Vol No. | Page No.                   | SCI/ Scopus Impact | Impactation                      | Online version                                     |
|-------|--------------------------|--|---|--------------|-----------------------|----------------------------|--------------------|----------------------------------|--|
| 1.    | U. Appalaraju            | Improved Convolutional Neural Network Based Cooperative Spectrum Sensing for Cognitive Radio | KSII Transactions on Internet and Information Systems         | 30-June-2021 | Vol.15, No6           | 2128-2147                  | SCI                | Impact factor:0.9<br>H-Index: 25 | <a href="#">Click here to download the article</a> |
| 2.    | M. Anand                 | Weed detection using image processing  | Annals of Romanian Society for Cell Biology                   | May-2021     | Vol 25, Issue 6       | 16130-16137                | Scopus             | -                                | <a href="#">Click here to download the article</a> |
| 3.    | P. Chandra Prakash Reddy | Analyzing Patient Health Information Based on IoT Sensors With AI                            | Annals of Romanian society for cell biology                   | May-2021     | Vol.25 Issue 6        | ISSN:1583-6258             | Scopus             | 0.489                            | <a href="#">Click here to download the article</a> |
| 4.    | B.Ramu                   | A study of deep learning based brain tumor segmentation strategies for mri image             | Annals of Romanian society for cell biology                   | May-2021     | Vol.25 Issue 6        | ISSN:1583-6258             | Scopus             | 0.489                            | <a href="#">Click here to download the article</a> |
| 5.    | B. Sreelatha             | Smart extension cord using node mcu  | PENSEE International Journal                                  | 14-Apr-2021  | Volume 51, Issue 04   | 567-575                    | Scopus             | 6                                | <a href="#">Click here to download the article</a> |
| 6.    | B.L.Prakash              | A General Evaluation of Dermis Sores Identification using MOR-WAVELET Transforms             | Turkish Journal of Computer and Mathematics Education (TJCME) | April 2021   | Vol:12 No.4           | ISSN:1309-4653<br>pp:01-07 | Scopus             |                                  | <a href="#">Click here to download the article</a> |

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| 7.  | Ch Sandeep   | Google assistant voice activated automatic control of home appliances using iot and node mcu | International Journal of Advanced Research in Engineering and Technology (IJARET) | Mar-2021    | Volume 12, Issue 3   | 120-127 | Scopus |         | <a href="#">Click here to download the article</a> |
| 8.  | M. Laxmi<br>M. sowjanya                            | Design of Smart Garbage Monitoring System  | International Journal of Advanced research in Engineering and Technology          | 18-Mar-21   | Vol.12, Issue 3      | 366-370 | Scopus | 10.9475 | <a href="#">Click here to download the article</a> |
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| 10. | P. Chandra<br>Prakash<br>Reddy<br>A R L<br>Padmaja | Delivery collection of parcels with smart shipment container using arduino                   | International journal of electrical engineering and technology                    | 15-Mar-21   | Issue 3<br>Volume 12 | 35-41   | Scopus | 10.1935 | <a href="#">Click here to download the article</a> |
| 11. | B. Sreelatha                                       | Recent developments in code compression techniques for embedded systems                      | ELSEVIER, Materials Today:Proceedings   | 13-Mar-21   | -                    | -       | SCI    | 26.416  | <a href="#">Click here to download the article</a> |
| 12. | A. Shanker   | IMPLEMENTATION OF SIMPLE PWM/PPM GENERATOR FOR MICROCONTROLLER USING VERILOG                 | International Journal of Advanced Research in Engineering and                     | 12-Mar-2021 | Vol.12, Issue 3      | 97-102  | Scopus | 10.9475 | <a href="#">Click here to download the article</a> |

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| 13. | U. Appalaraju        | DynMAC Based Spectrum Handoff Algorithm for Deterministic Multihop Industrial Networks                               | Journal of Green Engineering   | 09-Mar-21  | Vol.11, Issue 3         | 3042-3062 | Scopus | 1.2 and cite score is 0.8 | <a href="#">Click here to download the article</a> |
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| 15. | Dr.B.L.Prakash       | Smart Garbage monitoring and air pollution Controlling system  | International Journal of Advanced Research in Engineering and Technology | March-2021 | Vol.12, Issue:3         | 698-703   | Scopus | 10.9475                   | <a href="#">Click here to download the article</a> |
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| 18. | M. Anand B. Ramu     | Automatic identification of brain tumor using Matlab by fuzzy C means clustering                                     | International Journal of Advanced Research In Engineering and Technology | 02-Feb-21  | Volume 12, Issue 2      | 652-656   | Scopus | 10.9475                   | <a href="#">Click here to download the article</a> |

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| 21. | Dr.P.Spandana         | Automatic classification of mammograms using 2D-discrete wavelet transform and feature selection methods | Journal of critical reviews   | Dec -2020 | 7:18                   | 4398-4403. | Scopus   |   | <a href="#">Click here to download the article</a> |
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| 23. | Dr. R.V.Durga         | Performance analysis of MIMO System capacity with various Receiver Architectures                         | International Journal of Grid and Distributed Computing                           | Dec-2020  | Vol. 13 No. 2 (2020)   | 2598-2608  | SCI      | - | <a href="#">Click here to download the article</a> |
| 24. | Dr. R.V.Durga         | The Mimo System Capacity Analysis with Various Detectors and Different Modulation Scheme                 | International Journal of Grid and Distributed Computing                           | Dec-2020  | Vol. 13, No. 2, (2020) | 2586-2597  | SCI      | - | <a href="#">Click here to download the article</a> |
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