



# SRI KRISHNA COLLEGE OF TECHNOLOGY

[An Autonomous Institution | Affiliated to Anna University and

Approved by AICTE | Accredited by NAAC with 'A' Grade]

KOVAIPUDUR, COIMBATORE – 641 042.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Accredited by NBA)



### Journal Publications Calendar Year 2023 (January 2023 - December 2023)

| Sl.No. | Name of the Author(s) | Title of the Paper   | Name of the Journal                             | Month and Year of publication | ISSN                                     | Vol. / Issue / PP                             | Name of the Publisher | Impact Factor | h index of journal | DOI   | SCI/SCIE/ WOS/Scopus/ UGC Care |
|--------|-----------------------|--|---|-------------------------------|--|---|-----------------------|---------------|--------------------|---|--------------------------------|
| 1.     | Mr. V. Venkatesh      | Early Prediction of Lung Nodule for improving the Public Health of Rural People using Cascaded 2D Deep CNN with Evolutionary Algorithm | Journal of Environmental Protection and Ecology | October 2023                  | ISSN:13115065                            | Vol. 24, Issue 4, pp. 1458–1469               | Scibulcom Ltd.        | 0.507         | 21                 | <a href="https://scibulcom.net/en/article/2gAa9HSMPOB0wEp365AH">https://scibulcom.net/en/article/2gAa9HSMPOB0wEp365AH</a> | SCIE                           |
| 2.     | Dr.R.Vidhya           | Alzheimer's disease detection using residual neural network with LSTM hybrid deep learning models                                      | Journal of Intelligent & Fuzzy Systems          | October 2023                  | ISSN:1064-1246 (P)<br>ISSN 1875-8967 (E) | vol. Pre-press, no. Pre-press, pp. 1-15, 2023 | IOS Press             | 1.737         | 73                 | 10.3233/JIFS-235059   | SCIE                           |
| 3.     | Dr. M. Dhurga Devi    | Enhancing Food Quality Improvement and Instigate Smart Agriculture Using Artificial Intelligence Technology                            | Tuijin Jishu/Journal of Propulsion Technology   | October 2023                  | ISSN: 1001-4055                          | Vol. 44 No. 3 (2023)                          | Tuijin Jishu          | 0.597         | 24                 | <a href="https://doi.org/10.52783/tjpt.v44.i3.623">https://doi.org/10.52783/tjpt.v44.i3.623</a>                           | SCOPUS                         |

|    |                    |  |  |          |   |                             |                               |       |    |   |        |
|----|--------------------|--|--|----------|---|-----------------------------|-------------------------------|-------|----|---|--------|
| 4. | Dr. M. Dhurga Devi | Extending the FSM Model for Critical Decision-Making and Safety Control in Autonomous Vehicles   | International Journal of Intelligent Systems and Applications in Engineering | Oct 2023 | ISSN:2147-6799                              | VOL. 12<br>NO. 2S<br>(2024) | IJSAE                         | 1.74  | 2  | <a href="https://ijisae.org/index.php/IJISAE/article/view/3640">https://ijisae.org/index.php/IJISAE/article/view/3640</a> | SCOPUS |
| 5. | Dr. M. Dhurga Devi | Evaluation of river water quality by principal component analysis based water quality index and classify method using support vector machine | AIP Conf. Proc   | Nov 2023 | 0094-243X (print) 1551-7616 (web)           | 020229-1                    | AIP                           | 0.189 | 80 | <a href="https://doi.org/10.1063/5.0173398">https://doi.org/10.1063/5.0173398</a>   | SCOPUS |
| 6. | Dr. M. Dhurga Devi | Deep Learning Techniques for Real-Time Bitcoin Prediction  | AIP Conf. Proc   | Nov 2023 | 0094-243X (print) 1551-7616 (web)           | 020229-1                    | AIP                           | 0.189 | 80 | <a href="https://doi.org/10.1063/5.0173399">https://doi.org/10.1063/5.0173399</a>   | SCOPUS |
| 7. | Dr.R.Vidhya        | Harnessing PSO and GA for Congestion Control in High-speed Wireless Sensor Networks  | Journal of Bulgarian Academy of Sciences                                     | Dec 2023 | ISSN: 1310–1331 (Print), 2367–5535 (Online) | Vome 76, No 12, 2023        | Bulgarian Academy of Sciences | 0.326 | 20 | <a href="https://doi.org/10.7546/CRABS.2023.12.11">https://doi.org/10.7546/CRABS.2023.12.11</a>                           | SCIE   |



# SRI KRISHNA COLLEGE OF TECHNOLOGY

[An Autonomous Institution | Affiliated to Anna University and

Approved by AICTE | Accredited by NAAC with 'A' Grade]

KOVAIPUDUR, COIMBATORE – 641 042.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Accredited by NBA)



## Journal Publications Calendar Year 2022 (January 2022 - December 2022)

| <u>Sl.No.</u> | Name of the Author(s) | Title of the Paper  | Name of the Journal   | Month and Year of publication | Name of the Publisher | DOI   | SCI/SCIE/WOS/Scopus/ UGC Care |
|---------------|-----------------------|---|---|-------------------------------|-----------------------|---|-------------------------------|
| 1.            | Dr N. Krishnaraj      | Improving the security of medical image through neuro-fuzzy based ROI selection for reliable transmission                                       | Multimed Tools Applications   | February 2022                 | Springer              | <a href="https://doi.org/10.1007/s11042-022-12367-4">https://doi.org/10.1007/s11042-022-12367-4</a>   | SCIE                          |
| 2.            | Dr. M. Deva Priya     | Emperor Penguin Optimization Algorithm and M-Tree-based multi-constraint Multicast Ad hoc On-demand Distance Vector Routing Protocol for MANETs | 3rd EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing (BDCC 2020) | January 2022                  | EAI                   | <a href="https://link.springer.com/chapter/10.1007%2F978-3-030-78750-9_7">https://link.springer.com/chapter/10.1007%2F978-3-030-78750-9_7</a> | Scopus                        |
| 3.            | Dr. M. Deva Priya     | Improved Rider Optimization Algorithm-based Link Aware Fault Detection (IROA-LAFD) scheme for securing Mobile Ad Hoc Networks (MANETs)          | 3rd EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing (BDCC 2020) | January 2022                  | EAI                   | <a href="https://link.springer.com/chapter/10.1007/978-3-030-78750-9_11">https://link.springer.com/chapter/10.1007/978-3-030-78750-9_11</a>   | Scopus                        |

|     |  |   |   |              |          |   |        |
|-----|--|---|---|--------------|----------|---|--------|
| 4.  | Dr. S. Siamala Devi<br>Dr. M. Deva Priya<br>Ms. G. Poorani<br>Ms.S. Padmavathi<br>Ms. G. Niveditha                     | A Hybrid Algorithm for Document Clustering Using Optimized Kernel Matrix and Unsupervised Constraints | 3rd EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing (BDCC 2020) | January 2022 | EAI      | <a href="https://doi.org/10.1007/978-3-030-78750-9_1">https://doi.org/10.1007/978-3-030-78750-9_1</a>   | Scopus |
| 5.  | Dr. M. Deva Priya<br>Ms. G. Amirthavarsini<br>Ms. S. Angu Kaushika<br>Ms. K. Deeptheshanmathie                         | A Cloud based Trusted Framework for Industrial Connected Vehicles                                     | International Conference on Recent Trends in Computing (ICRTC 2021)                                     | January 2022 | Springer | <a href="https://doi.org/10.1007/978-981-16-7118-0_18">https://doi.org/10.1007/978-981-16-7118-0_18</a> | Scopus |
| 6.  | Dr. M. Deva Priya<br>Ms. M. Saranya<br>Ms. N. Sharaha<br>Ms. B. Tamizharasi  | Classification of COVID-19 Tweets using Deep Learning Classifiers                                     | International Conference on Recent Trends in Computing (ICRTC 2021)                                     | January 2022 | Springer | <a href="https://doi.org/10.1007/978-981-16-7118-0_19">https://doi.org/10.1007/978-981-16-7118-0_19</a> | Scopus |
| 7.  | Dr. M. Deva Priya M<br>Ms. P. Anantha Prabha<br>Mr. K. Gokulakrishnan<br>Mr. A. Joe Raymond<br>Mr. T. Karthickraja     | Integrated IoT-Blockchain based Smart Agriculture System  | International Conference on Recent Trends in Computing (ICRTC 2021)                                     | January 2022 | Springer | <a href="https://doi.org/10.1007/978-981-16-7118-0_21">https://doi.org/10.1007/978-981-16-7118-0_21</a> | Scopus |
| 8.  | Dr. M. Deva Priya M<br>Mr. A. Sahaya Gebin<br>Mr. S. Selva Kumar<br>Mr. R. G. Vipin                                    | Deep Learning Algorithms based Vehicle Mobility Prediction from Satellite Imagery during Pandemic     | International Conference on Recent Trends in Computing (ICRTC 2021)                                     | January 2022 | Springer | <a href="https://doi.org/10.1007/978-981-16-7118-0_31">https://doi.org/10.1007/978-981-16-7118-0_31</a> | Scopus |
| 9.  | Dr. M. Deva Priya<br>Ms. J. Sangeetha Priya<br>Mr. S. Sam Peter<br>Ms. Viraja Ravi<br>Mr. S. Karthik<br>Mr. R. Karthik | Efficient Machine Learning based Diagnosis System for Breast Cancer                                   | International Conference on Recent Trends in Computing (ICRTC 2021)                                     | January 2022 | Springer | <a href="https://doi.org/10.1007/978-981-16-7118-0_59">https://doi.org/10.1007/978-981-16-7118-0_59</a> | Scopus |
| 10. | Dr. A. Christy Jeba Malar<br>Dr. M. Deva Priya<br>Mr. M. Kavin Kumar<br>Mr. S. Mangala Arunsankar                      | Deep Learning based Stock Market Prediction   | International Conference on Recent Trends in Computing (ICRTC 2021)                                     | January 2022 | Springer | <a href="https://doi.org/10.1007/978-981-16-7118-0_60">https://doi.org/10.1007/978-981-16-7118-0_60</a> | Scopus |

|     |   |   |  |              |                                 |   |        |
|-----|---|---|--|--------------|---------------------------------|---|--------|
|     | Mr. K. V. Bilal<br>Mr. S. Karthik   |   |  |              |                                 |   |        |
| 11. | Dr R Vidhya   | Cloud-Based Biometric-Enhanced ATM Powered by Deep Learning   | International Conference on Computing, Communication, Electrical and Biomedical System [Part of the EAI/Springer Innovations in Communication and Computing book series (EAISICC)] | March 2022   | Springer                        | <a href="https://doi.org/10.1007/978-3-030-86165-0_12">https://doi.org/10.1007/978-3-030-86165-0_12</a>                         | Scopus |
| 12. | A.Sunitha Nandhini<br>R.Manoj Ayer<br>V.Pramoth Kumar<br>E.M.Rishi Nithin                     | Pancreases Segmentation and Classification Based on RCNN and AlexNet  | International Conference on Computing, Communication, Electrical and Biomedical System [Part of the EAI/Springer Innovations in Communication and Computing book series (EAISICC)] | January 2022 | Springer                        | <a href="https://oa.mg/work/10.1007/978-3-030-86165-0_39">https://oa.mg/work/10.1007/978-3-030-86165-0_39</a>                   | Scopus |
| 13. | Dr. Sengathir Janakiraman<br>Dr. M. Deva Priya<br>Dr. A. Christy Jeba Malar<br>Ms. G. Sandhya | Differential Evolution-Improved Dragonfly Algorithm-Based Optimal Radius Determination Technique for Achieving Enhanced Lifetime in IoT | International Conference on Machine Learning, IoT and Big Data-2021 (ICMIB-2021), Lecture Notes in Networks and Systems book series  | May 2022     | Springer                        | <a href="https://doi.org/10.1007/978-981-19-0901-6_53">https://doi.org/10.1007/978-981-19-0901-6_53</a>                         | Scopus |
| 14. | Dr P Tamije Selvy   | A Pre-Diagnostic Approach to Alzheimer's Disease Applying Effectual Machine Learning Models   | JOURNAL OF ALGEBRAIC STATISTICS  | 30 June 2022 | SOCIETY OF ALGEBRAIC STATISTICS | <a href="https://publishoa.com/index.php/journal/article/view/231">https://publishoa.com/index.php/journal/article/view/231</a> | Scopus |
| 15. | Dr P Tamije Selvy   | Intelligent Web Data Extraction System for E-commerce   | JOURNAL OF ALGEBRAIC STATISTICS  | 30 June 2022 | SOCIETY OF ALGEBRAIC STATISTICS | <a href="https://publishoa.com/index.php/journal/article/view/545">https://publishoa.com/index.php/journal/article/view/545</a> | Scopus |
| 16. | Dr D.Jeyabharathi   | Smart Fish Feeding System based on Fish Feeding Intensity   | IEEE Explore   | June 2022    | IEEE                            | <a href="https://ieeexplore.ieee.org/document/9835981">https://ieeexplore.ieee.org/document/9835981</a>                         | Scopus |

|     |                       |   |   |                    |                    |   |        |
|-----|-----------------------|---|---|--------------------|--------------------|---|--------|
| 17. | Ms. P.Ananatha Prabha | Cephalopods classification using fine tuned lightweight transfer learning models' | Intelligent Automation and Soft Computing | <u>August 2022</u> | TECH SCIENCE PRESS | <a href="https://file.techscience.com/ueditor/files/iasc/TS_P_IASC-35-3/TSP_IASC_30017/TSP_IASC_30017.pdf">https://file.techscience.com/ueditor/files/iasc/TS_P_IASC-35-3/TSP_IASC_30017/TSP_IASC_30017.pdf</a> | SCIE   |
| 18. | Dr R.Karthik          | Silhouette-Based Human Action Recognition Using Convolutional Neural Network      | IEEE Xplore                               | December 2022      | IEEE               | <a href="https://ieeexplore.ieee.org/document/10047524">https://ieeexplore.ieee.org/document/10047524</a>   | Scopus |