



## VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

Ibrahimbagh, Hyderabad – 500031

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year 2022-23

#### Research Publications- Journals

| Sl.No | Name of the Faculty Author  | No.of Authors | Main Author/ Other               | Title of the Paper  | Name of the Journal  | ISBN/ISSN Number                  | Vol/Month   | Index No UGC/Scopus | URL/DOI   |
|-------|-----------------------------|---------------|----------------------------------|---|--|-----------------------------------|-------------|---------------------|---|
| 1     | Dr.T. Adilakshmi            | 2             | M. Purnachary<br>Dr.T.Adilakshmi | Finetuned Roberta Architecture For Moocs Evaluation Using Adversarial Training  | Journal of Theoretical and Applied Information Technology(JATIT)                               | E-ISSN 1817-3195 / ISSN 1992-8645 | May, 2023   | Scopus              | <a href="http://www.jatit.org/index.php">http://www.jatit.org/index.php</a> |
| 2     | Dr.T. Adilakshmi            | 2             | S Supriya<br>Dr. T. Adilakshmi   | Secure Cluster-Based Routing Using Tesa And Hybrid Security Algorithm For Wsn ' | International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) | 2321-8169                         | May, 2023   | Scopus              | <a href="https://ijritcc.org">https://ijritcc.org</a>                       |
| 3     | T.Jalaja<br>Dr.T.Adilakshmi | 1,2           | T.Jalaja<br>Dr.T.Adilakshmi      | Automated Change Impact analysis Tool for Software                              | Journal of Theoretical and Applied Information   | E-ISSN 1817-3195 / ISSN           | April, 2023 | Scopus              | <a href="http://www.jatit.org/index.php">http://www.jatit.org/index.php</a> |

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|---|------------------|---|-------------------------------------|--|---|--|--------------|--------|---|
|   |                  |   |                                     | Maintenance Phase  | Technology(J ATIT)  | 1992-8645                                    |              |        |   |
| 4 | Dr.T. Adilakshmi | 2 | R.Ravinder reddy<br>Dr.T.Adilakshmi | Proof-Of-Work for Merkle based Access tree in Patient centric Data                   | International Journal of Advanced Computer Science and Applications                   | E-ISSN: 2156-5570                            | January 2023 | Scopus | <a href="https://thesai.org/Publications/IJACSA">https://thesai.org/Publications/IJACSA</a>   |
| 5 | Dr.T. Adilakshmi | 2 | S. Sreelakshmi, Dr.T. Adilakshmi    | Diversity-Enhanced Adaptive Correlation Connected Clustering Of Long Tail Items”     | Journal of Theoretical and Applied Information Technology (JATIT),                    | ISSN-1992-8645                               | January 2023 | Scopus | <a href="https://www.sciencedirect.com/journal/computer-science-review">https://www.sciencedirect.com/journal/computer-science-review</a> |
| 6 | Dr.T. Adilakshmi | 2 | S Supriya, Dr. T. Adilakshmi        | Security aware cluster-based routing using MCTSA and HEA for Wireless Sensor Network | International Journal of Intelligent Systems and Applications in Engineering (IJISAE) | ISSN-2147-6799                               | Feb, 2023    | Scopus | <a href="https://ijisae.org/index.php/IJISAE/article/view/2785">https://ijisae.org/index.php/IJISAE/article/view/2785</a>                 |
| 7 | Dr.T. Adilakshmi | 2 | P.Shyam Sunder<br>Dr.T. Adilakshmi  | Effective Task Scheduling in Cloud Computing using Improved BAT Algorithm            | SSRG-International Journal of Engineering Trends and Technology (IJETT)               | ISSN: 2231-5381, Vol.7, Issue 10, pg 271-276 | October 2022 | Scopus | <a href="https://www.mecspress.org/ijcnis/">https://www.mecspress.org/ijcnis/</a>   |
| 8 | Dr.T. Adilakshmi | 3 | D.Kavitha,<br>Dr.T.Adil             | A New Geometric Data Perturbation  | Journal of Optoelectronics Laser  | ISSN: 1005-0086.                             | October 2022 | Scopus | <a href="http://www.gdzjg.org/index.php/JO">http://www.gdzjg.org/index.php/JO</a>   |

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|----|-------------------------|---|--|---|---|--|---------------------|--------|---|
|    |                         |   | akshmi,<br>Dr.M.Chandra<br>Mohan                             | Method for<br>Privacy<br>Preserving of<br>Data Using<br>Laplace Noise<br>with LSTM  |   | Volume<br>41 Issue<br>10                     |                     |        | L/article/view/1241   |
| 9  | Dr.T.<br>Adilakshmi     | 2 | D.<br>Kavitha,<br>Dr. T<br>Adilakshmi                        | An Optimized<br>Approach for<br>Privacy<br>Preserving of<br>Big Data using<br>GDTM and<br>Random Number<br>Generators with<br>GNN | International<br>Journal of<br>Engineering<br>Research in<br>Computer<br>Science and<br>Engineering<br>(IJERCSE), | ISBN :<br>978-93-<br>92105-22-<br>7(online)  | September<br>, 2022 | Scopus | <a href="https://thesai.org/Publications/IJACSA">https://thesai.org/Publications/IJACSA</a>               |
| 10 | Dr.T.<br>Adilakshmi     | 2 | P.Shyam<br>Sunder<br>Dr.T.<br>Adilakshmi                     | An Improved<br>Approach For<br>Scheduling In<br>Cloud Using GA<br>And PSO   | Journal of<br>Theoretical<br>and Applied<br>Information<br>Technology<br>(JATIT)                                  | ISSN-<br>1992-<br>8645,<br>Vol.100.<br>No.18 | September<br>, 2022 | Scopus | <a href="http://www.jatit.org/volumes/onehundred18.php">http://www.jatit.org/volumes/onehundred18.php</a> |
| 11 | Dr.T.<br>Adilakshmi     | 2 | B<br>Ravinder<br>Reddy,Dr.<br>T.Adilakshmi                   | Merkle Tree based<br>Access Structure<br>for Sensitive<br>Attributes in<br>Patient Centric<br>Data                                | International<br>Journal of<br>Engineering<br>Trends and<br>Technology  | ISSN-<br>2231-5381                           | July 2022           | Scopus | <a href="https://www.ijettjournal.org/">https://www.ijettjournal.org/</a>                                 |
| 12 | Dr.Nagaratna P<br>Hegde | 3 | Shiramshetty<br>Gouthami<br>, Dr .<br>Nagaratna<br>P . Hegde | An Improved<br>Sentiment<br>Classification<br>Model Using Bert<br>Classification<br>With Ranger                                   | Journal of<br>Theoretical<br>and Applied<br>Information<br>Technology   | E-ISSN<br>1817-3195<br>/ ISSN<br>1992-8645   | June, 2023          | Scopus | <a href="http://www.jatit.org/volumes/Vol101No12/22V">http://www.jatit.org/volumes/Vol101No12/22V</a>     |

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|    |                      |   |   | Adabelief Optimizer  | (JATIT)   |                                   |             |        | ol101No12.pdf   |
| 13 | Dr.Nagaratna P Hegde | 2 | Suresh, R.,<br>Dr .<br>Nagaratna<br>P . Hegde.      | Genetic Feature Selection And Naive Bayes For Efficient Heart Disease Prediction   | Journal of Theoretical and Applied Information Technology(JA TIT) | E-ISSN 1817-3195 / ISSN 1992-8645 | June, 2023  | Scopus | <a href="http://www.jatit.org/volumes/Vol101No12/12Vol101No12.pdf">http://www.jatit.org/volumes/Vol101No12/12Vol101No12.pdf</a> |
| 14 | Dr.Nagaratna P Hegde | 2 | Janakamma, C.H.,<br>Dr .<br>Nagaratna<br>P . Hegde. | NIFR-Node Interference And Failure Recovery Framework For Multimedia Transmission In WMSNs   | Journal of Theoretical and Applied Information Technology(JA TIT) | E-ISSN 1817-3195 / ISSN 1992-8645 | June, 2023  | Scopus | <a href="http://www.jatit.org/volumes/Vol101No12/29Vol101No12.pdf">http://www.jatit.org/volumes/Vol101No12/29Vol101No12.pdf</a> |
| 15 | Dr.Nagaratna P Hegde | 2 | Janakamma, C.H.,<br>Dr .<br>Nagaratna<br>P . Hegde. | NRP-WMSN : a novel routing protocol for Multimedia transmission in wireless Multimedia sensor networks<br>MULTIMEDIA TRANSMISSION IN WIRELESS MULTIMEDIA SENSOR NETWORKS | Journal of Theoretical and Applied Information Technology(JA TIT) | E-ISSN 1817-3195 / ISSN 1992-8645 | March, 2023 | Scopus | <a href="http://www.jatit.org/volumes/Vol101No6/31Vol101No6.pdf">http://www.jatit.org/volumes/Vol101No6/31Vol101No6.pdf</a>     |
| 16 | Dr.Nagaratna P Hegde |   | V. Sandhya,<br>Nagaratna<br>P Hegde                 | Patch Based Sclera and Pericular   | International Journal of Computer Networks and                    | 2074-9090                         | April, 2023 | Scopus | <a href="http://www.mecspress.org/ijcnis">http://www.mecspress.org/ijcnis</a>   |

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|----|----------------------|---|--|--|--|-----------------------------------|-------------------------------------|--------|---|
|    |                      |   |  | Biometrics using Deep Learning   | Information Security   |                                   |                                     |        |   |
| 17 | Dr.Nagaratna P Hegde | 3 | Shiramshetty Gouthami l , Dr . Nagaratna P . Hegde | Sentiment Analysis Based Twitter Tweets Classification Using Data Embedded With LSTM Technique | Journal of Theoretical and Applied Information Technology(JA TIT)            | E-ISSN 1817-3195 / ISSN 1992-8645 | Feb, 2023                           | Scopus | <a href="http://www.jatit.org/volumes/Vol101No4/9Vol101No4.pdf">http://www.jatit.org/volumes/Vol101No4/9Vol101No4.pdf</a> |
| 18 | Dr.Nagaratna P Hegde | 2 | S. Rakesh ,Nagaratna P Hegde                       | A Framework for Intelligent Traffic Control System   | International Journal of Engineering Trends and Technology                   | ISSN: 2231 – 5381                 | Volume 70 Issue 7, 88-93, July 2022 | Scopus | <a href="https://doi.org/10.14445/22315381/IJETT-V70I7P210">https://doi.org/10.14445/22315381/IJETT-V70I7P210</a>         |
| 19 | Dr.Nagaratna P Hegde | 2 | Swapna Nagaratna P Hegde                           | Removal of Noise on Mammogram Breast Images using Filtering Methods                            | Concurrency and Computation: Practice and Experience                         | 1532-0634                         | October 2022                        | Scopus | <a href="https://onlinelibrary.wiley.com/journal/15320634">https://onlinelibrary.wiley.com/journal/15320634</a>           |
| 20 | Dr.Nagaratna P Hegde | 2 | K. Rakesh and Nagaratna                            | A New Method to Control Traffic Congestion by Calculating Traffic Density                      | International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING | 2147-679921                       | October 2022                        | Scopus | <a href="https://ijisae.org/index.php/IJISAE">https://ijisae.org/index.php/IJISAE</a>                                     |
| 21 | Dr.Nagaratna P Hegde | 2 | B Varija, Nagaratna P. Hegde                       | SimIndx: A Novel Determinant of similarity index through machine learning paradigm             | Neuroquantology  | 1303-5150                         | September 2022                      | Scopus |   |

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|----|----------------------|-----|---|--|--|-----------|---------------|--------|---|
|    |                      |     |   | based on Dynamic data mining   |  |           |               |        |   |
| 22 | Dr.Nagaratna P Hegde | 2   | Deepika MallampatiNagaratna P. Hedge  | Feature Extraction and Classification of Email Spam Detection Using IMTF-IDF+SkipThought Vectors | Ingénierie des Systèmes d'Information  | 1633-1311 | December 2022 | Scopus | Journal homepage: <a href="http://iieta.org/journals/isi">http://iieta.org/journals/isi</a>   |
| 23 | Dr.V.Sireesha        | 1,2 | Dr.V.Sireesha,<br>Dr.Nagaratna P Hegde<br>Dr.S.PallamSetty  | Design of ANN Based Decision Approach to Enhance the Performance of OLSR in Manets               | International Journal of Intelligent Engineering and Systems                         | 2185-3118 | November 2022 |        |   |
| 24 | Dr. D. Baswaraj      | 4   | Dr. D. Baswaraj   | EASND: Energy Adaptive Secure Neighbour Discovery Scheme for Wireless Sensor Network             | International Journal on Recent and Innovation Trends in Computing and Communication | 2321-8169 | June, 2023    | Scopus | <a href="https://ijritcc.org/index.php/ijritcc/article/view/7097">https://ijritcc.org/index.php/ijritcc/article/view/7097</a>           |
| 25 | Dr.K. Shailaja       | 6   | K. Shailaja,<br>B. Srinivasulu, Lingala Thirupathi,<br>Rekha Gangula,<br>Thejoramnaresh Reddy<br>Boya | An Intelligent Deep Feature Based Intrusion Detection System for Network Applications            | Wireless Personal Communications   |           | October 2022  | SCIE   | <a href="https://link.springer.com/article/10.1007/s11277-022-10100-w">https://link.springer.com/article/10.1007/s11277-022-10100-w</a> |

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|    |                |   | &Vemula<br>mmaPolem  |  |  |   |                 |                                    |   |
| 26 | Dr.K. Shailaja | 4 | . V.<br>Sanjeev<br>Dr.Sundari<br>DadhabaiD<br>r.K.Shailaj<br>a K<br>saikumar                         | Competitive<br>Strategies<br>Adopted by<br>Online Retailers<br>Analysis in covid<br>19 medical crisis  | Journal of<br>Positive School<br>Psychology                  | ISSN:271<br>7-7564                          |                 | Scopus                             | Competitive<br>Strategies<br>Adopted by<br>Online<br>Retailers<br>Analysis in<br>covid 19<br>medical crisis<br>  Journal of<br>Positive<br>School<br>Psychology<br>(journalppw.<br>com) |
| 27 | Dr.P.Kalpana   | 4 | Vijayakum<br>ar<br>Polepally,<br>Jagannadh<br>a Rao Db,<br>Parsi<br>Kalpana,<br>Nagendra<br>Prabhu S | Exponential<br>Squirrel Search<br>Algorithm-Based<br>Deep Classifier<br>For Intrusion<br>Detection In<br>Cloud Computing<br>With Big Data<br>Assisted Spark<br>Framework | Cybernetics and<br>Systems.                                  | 0196-9722<br>(print),<br>1087-6553<br>(web) | Dec, 2022       | SCIE                               | <a href="https://www.tandfonline.com/journals/ucbs20">https://www.tandfonline.com/journals/ucbs20</a>   |
| 28 | Dr.P.Kalpana   | 4 | Jagannadh<br>a Rao db,<br>Vijayakum<br>ar<br>Polepally,<br>Nagendra<br>Prabhu s,<br>Parsi<br>kalpana | Deep Recurrent<br>Neural Network-<br>Based Hadoop<br>Framework for<br>COVID Prediction<br>with Applications<br>to Big Data in<br>Cloud Computing                         | International<br>Journal of Bio-<br>Inspired<br>Computation. | 17580366,<br>17580374                       | January<br>2023 | Indersci<br>ence<br>Publishe<br>rs | <a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJBI.2023.130022">https://www.inderscienceonline.com/doi/abs/10.1504/IJBI.2023.130022</a>                                   |

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|----|-----------------------------|---|---|--|--|-----------------|-------------|--------|---|
| 29 | Dr. P.Kalpana               | 1 | P.Kalpana   | Fractional-Ant Lion Optimization algorithm for privacy protection in cloud with MapReduce framework          | Cybernetics and Systems                                    |                 | March, 2023 | Scopus | <a href="https://doi.org/10.1080/01969722.2023.2166263">https://doi.org/10.1080/01969722.2023.2166263</a>                       |
| 30 | Dr. Krishna Keerthi Channam | 5 | Rajanikanth Aluvalu, Lakshmi Muddana, V Uma Maheswari, Krishna Keerthi Channam, Swapna Mudrakola, MD Sirajuddin, CVR Syavasya | Fog Computing: Applications, Challenges, and Opportunities   | Journal of Autonomous Intelligence (2022) Volume 5 Issue 2 |                 | March, 2023 | Scopus | <a href="https://jai.front-sci.com/index.php/jai/article/view/545">https://jai.front-sci.com/index.php/jai/article/view/545</a> |
| 31 | Dr.R.santosh Kumar          | 2 | Dr.R.santosh Kumar, Dr.SRM Krishna  | Cryptanalysis of RSA with small difference of primes and two decryption exponents: Jochemsz and May approach | Cryptologia  | ISSN: 1558-1586 |             | SCIE   | <a href="https://www.tandfonline.com/">https://www.tandfonline.com/</a>   |
| 32 | Dr.R.santosh Kumar          | 2 | Dr.R.santosh Kumar Sur  | Cryptanalysis of common prime RSA with two   | Int. J. Information  |                 |             | Scopus | <a href="https://gisscience.net/">https://gisscience.net/</a>   |



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|    |                        |   | eddi R.M. Krishna   | decryption exponents: Jochemsz and May approach  | and Computer Security   |                 |               |        |   |
| 33 | R.Sudha                | 2 | K.Ramakrishna,G.N.R. Prasad,R. Sudha  | An innovative way of asking questions using Google Forms   | NeuroQuantology   | 1303-5150       | December 2022 | Scopus | <a href="https://neuroquantology.com/index.php">https://neuroquantology.com/index.php</a>           |
| 34 | Dr. M. Jithender Reddy | 4 | S Markkandeyan, Sivani Gupta, G Venkat Narayanan Dr M Jithender Reddy                     | DEEP LEARNING BASED SEMANTIC SEGMENTATION APPROACH FOR AUTOMATIC DETECTION OF BRAIN TUMOR                              | International Journal of Computers Communications & Control             | 1841-9844       | March, 2023   | SCIE   | <a href="https://univagora.ro/jour/index.php/ijccc/">https://univagora.ro/jour/index.php/ijccc/</a> |
| 35 | K. Srividya            | 4 | Shaik Abdul Khalandar Durai Raj Vincent P M K.Srividya Pusarla Samyuktha Jessu Madhumathi | A Novel Approach to Analysis Consequence of Climate changes on Erythematous Diseases using Machine Learning Algorithms | SSRG-International Journal of Engineering Trends and Technology (IJETT) | ISSN: 2231-5381 | Nov, 2022     | Scopus | <a href="https://ijettjournal.org/">https://ijettjournal.org/</a>                                   |



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**Academic Year 2022-23**  
**Conference papers**

| <b>S<br/>I.<br/>N<br/>O.</b> | <b>Name Of<br/>the<br/>Faculty<br/>As<br/>Author</b> | <b>No<br/>Of<br/>Aut<br/>hors</b> | <b>Main<br/>Author/<br/>Others</b>                              | <b>Title Of the<br/>Paper</b>  | <b>Name Of the<br/>Conference</b>  | <b>Date/S</b>             | <b>Organized<br/>By with<br/>Location</b> | <b>ISBN/ISS<br/>N Number</b>                            | <b>URL/D<br/>OI</b> |
|------------------------------|--|-----------------------------------|---|--|--|---------------------------|---|---|---------------------|
| 1                            | Dr.<br>T.Adilakshmi,<br>Dr.M.Sunitha<br>Reddy        | 3                                 | Dr.M.Sunitha<br>Reddy,<br>Dr.T.Adilakshmi,<br>H.Renuka          | Emotion based<br>Music<br>Recommendation system to<br>generate<br>dynamic playlist   | International<br>Conference on<br>Advances in<br>Computer<br>Engineering and<br>Communication<br>Systems<br>(ICACECS-<br>2022) | August 11-12,<br>2022     | VNRVJIET,<br>Hyderabad                    | Proceedings to be<br>published<br>in Springer<br>nature | -                   |
| 2                            | Dr.<br>T.Adilakshmi,<br>Dr.M.Sunitha<br>Reddy        | 3                                 | Dr.M.Sunitha<br>Reddy,<br>Dr.T.Adilakshmi,<br>Thanmayi<br>Reddy | User-Centric<br>Adaptive<br>Clustering<br>(UCC)<br>Approach to<br>Address Long<br>Tail Problem In<br>Music<br>Recommendation<br>Systems" | International<br>Conference on<br>Advances in<br>Data-driven<br>Computing and<br>Intelligent<br>Systems<br>(ADCIS 2022)        | September 22-<br>23, 2022 | BITS, Goa                                 | Proceedings to be<br>published<br>in Springer<br>nature | -                   |
| 3                            | Dr. T<br>Adilakshmi                                  | 2                                 | D.<br>Kavitha,<br>Dr. T   | An Optimized<br>Approach for<br>Privacy  | International<br>Conference On   | September 22-<br>23, 2022 | Manila                                    | -   | -                   |

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|---|--|---|--|--|---|----------------------|-----------------------|--|---|
|   |  |   | Adilakshmi   | Preserving of Big Data using GDTM and Random Number Generators with GNN                                    | Future Of Engineering   |                      |                       |  |   |
| 4 | Dr.M.Sunitha Reddy, Dr.T.Adilakshmi,         | 4 | Dr.M.Sunitha Reddy, Dr.T.Adilakshmi, Suman Chuttur, Praneeth | Deep Learning based Emotion aware Music Recommendation System  | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th December 2022. | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 5 | Dr.M.Sunitha Reddy, Dr.T.Adilakshmi,         | 3 | Dr.M.Sunitha Reddy, Dr.T.Adilakshmi, Victor Emanuel          | Cnn Based Predicting Agricultural Produce Prices & Deep Learning Based Improving Lives Of Indebted Farmers | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th December 2022. | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 6 | Dr.K.Srinivas, Dr.M.Sunitha Reddy, Dr.T.Adil | 6 | Dr.M.Sunitha Reddy, Dr.K.Srinivas, Dr.T.Adil                 | Data Fragment Classification of High Entropy Files Using Machine Learning                                  | 2nd International Conference on Cognitive & Intelligent Computing   | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |

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|   | akshmi,<br>Dr.D.Bas<br>waraj  |   | akshmi,<br>Dr.D.Bas<br>waraj,<br>Ashish,<br>Visista  | Classification<br>Algorithms                                       | (ICCIC-2022),<br>during 27th &<br>28th December<br>2022.  |                          |                             |   |   |
| 7 | Dr.K.Srin<br>ivas,<br>Dr.M.Sun<br>itha<br>Reddy,<br>Dr.T.Adil<br>akshmi,<br>Dr.D.Bas<br>waraj | 6 | Dr.K.Srin<br>ivas,<br>Dr.M.Sun<br>itha<br>Reddy,<br>Dr.T.Adil<br>akshmi,<br>Dr.D.Bas<br>waraj,<br>Hara<br>Deep,<br>Pavan<br>Kalyan | Orphaned<br>Uncompressed<br>Image File<br>Fragment<br>Carving      | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022 | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |
| 8 | Tattari<br>Jalaja ,<br>Dr.T.Adil<br>akshmi,   | 4 | T.Jalaja<br>Dr. T.<br>Adilaksh<br>mi<br>Bakshi<br>Abhinith<br>Akash S<br>Vora  | Delightful<br>Drips: A Smart<br>Irrigation<br>System               | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022 | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |
| 9 | Tattari<br>Jalaja ,<br>Dr.T.Adil<br>akshmi,   | 2 | T.Jalaja<br>Dr. T.<br>Adilaksh<br>mi   | CIA Tool using<br>Python and<br>mypy for<br>Python<br>Applications | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing  | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |

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|        |   |   |   |  | (ICCIC-2022),<br>during 27th &<br>28th Dec 2022   |                          |                             |   |   |
| 1<br>0 | Tattari<br>Jalaja ,<br>Dr.T.Adil<br>akshmi, | 2 | T.Jalaja<br>Dr. T.<br>Adilaksh<br>mi  | Change Impact<br>Analysis for<br>Evaluating Java<br>and Python<br>Applications<br>Using Python | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022 | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |
| 1<br>1 | Tattari<br>Jalaja ,<br>Dr.T.Adil<br>akshmi, | 5 | T. Jalaja,<br>Dr. T.<br>Adilaksh<br>mi, S.<br>Komal<br>Kaur,<br>V Sree<br>Siva Naga<br>Surya<br>Prakash,<br>Gatla<br>Ashmitha | Controlling<br>Electrical Bulb<br>Through Mobile<br>Based on Light<br>Intensity                | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022 | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |
| 1<br>2 | Tattari<br>Jalaja ,<br>Dr.T.Adil<br>akshmi, | 4 | Tattari<br>Jalaja ,<br>Dr.T.Adil<br>akshmi,<br>P.Amulya<br>Olivia,<br>Gatla<br>Ashmitha                                       | Face Mask<br>Detection,<br>Temperature<br>Scanning &<br>Sanitization<br>Automation             | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),                                   | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |

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|----|------------------|---|--|--|---|----------------------|-----------------------|--|---|
|    |                  |   |  |  | during 27th & 28th Dec 2022   |                      |                       |  |   |
| 13 | Dr. T Adilakshmi | 3 | 1. Kampe Shilpa,<br>Dr. T Adilakshmi<br>Kampe Chitra | An Enhanced Machine Learning Technique To Predict Heart Disease                        | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 14 | Dr. T Adilakshmi | 3 | 1. Kampe Shilpa,<br>Dr. T Adilakshmi<br>Kampe Chitra | Ensemble decision fusion of deep learning classifiers for heart disease classification | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 15 | Dr. T Adilakshmi | 2 | M. Supriya<br>Dr. T Adilakshmi                       | Secure Node Energetic Routing method for Cracked Paths Identification in WSN           | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |

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|----|------------------|---|---|---|---|----------------------|-----------------------|--|---|
| 16 | Dr. T Adilakshmi | 2 | B. Naveen Kumar<br>Dr. T Adilakshmi                                   | Structure Learning of Bayesian Network From The Data                        | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 17 | Dr. T Adilakshmi | 3 | Soanpet Sree Lakshmi,<br>Dr. T. AdiLakshmi Bakshi Abhinith            | Enhanced adaptive multi-level clustering of long tail items                 | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 18 | Dr. T Adilakshmi | 4 | Soanpet Sree Lakshmi,<br>Dr. T. AdiLakshmi,<br>T. Anuvik and L. Rahul | Implementation of a Hybrid Movie Recommendation System for large scale Data | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 19 | Dr. T Adilakshmi | 2 | Purnachary Munigadapa,<br>Dr.T.Adilakshmi                             | Customer retention Analysis   | 2nd International Conference on Cognitive & Intelligent Computing   | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |

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|----|------------------------------|---|--|---|--|----------------------|---------------------------------|--|---|
|    |                              |   |  |   | (ICCIC-2022), during 27th & 28th Dec 2022  |                      |                                 |  |   |
| 20 | Komal Kour, Dr. T Adilakshmi | 3 | Mohammed Imran Mirza, Komal Kour, Dr. T Adilakshmi     | Improved Kangaroo Method to speedup Pollard's rho                         | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022.     | December 27-28, 2022 | VCE, Hyderabad, India           | Proceedings to be published in Springer nature | - |
| 21 | Dr. Nagaratna P Hegde        | 2 | DEEPIKA MALLAMPATI AND NAGARATNA P HEGDE               | IMAGE SPAM DETECTION IN E-MAILS USING GRASSHOPPERS OPTIMIZATION TECHNIQUE | INTERNATIONAL CONFERENCE ON COMPUTER, ELECTRONICS AND ELECTRICAL ENGINEERING AND THEIR APPLICATIONS (IC2E3-2023) | 8.and 9 June, 2023   | <i>NIT Uttarakhand Srinagar</i> | Proceedings to be published in IEEE            |   |
| 22 | Dr. Nagaratna P Hegde        | 5 | Dr.Nagaratna P. Hegde, Dr. V. Sireesha, Sriperambuduri | Building an efficient Product Recommender System                          | International Conference on Communications and Cyber-Physical Engineering  | 28 & 29, April, 2023 | CMR College, Hyd                | Scopus   |   |



|        |                       |   |   |   |  |                    |                     |  |   |
|--------|-----------------------|---|---|---|--|--------------------|---------------------|--|---|
|        |                       |   | Vinay Kumar,<br>Hasini Reddy Patlolla,<br>Dr. G. P Hegde                                      |   |  |                    |                     |  |   |
| 2<br>3 | Dr. Nagaratna P Hegde | 2 | Nagaratna P Hegde, B. Manasa  | People Tracking & Counting Using Surveillance Systems   | International Conference on Artificial Intelligence and Data Science (ICAIDS)          | 9-10-2022          |                     | Springer (Scopus)                              |   |
| 2<br>4 | Dr. Nagaratna P Hegde | 4 | Sharat Chandra Manchi Sarapu, Dr. Nagaratna P Hegde, Dr. Sireesha Vikkurty and Sameeha Mubeen | Decentralized Face Recognition Surveillance System leveraging the convergence of IoT, Cloud Computing, and Blockchain | International Conference on Artificial Intelligence and Data Science (ICAIDS)          | 9-10-2022          |                     | Springer (Scopus)                              |   |
| 2<br>5 | Dr. Nagaratna P Hegde | 2 | Sandhya V and Dr. Nagaratna P Hegde   | Performance Analysis of CNN for Patch Based Sclera-Periocular Biometrics  | International Conference on Advances in Computer Engineering and Communication Systems | August 11-12, 2022 | VNRVJIET, Hyderabad | Proceedings to be published in Springer nature | - |

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|----|--|---|---|---|---|--------------------|---------------------|--|---|
|    |  |   |   |   | (ICACECS-2022)  |                    |                     |  |   |
| 26 | Dr. Nagaratna P Hegde                        | 2 | Shiramshetty Gouthami and Dr. Nagaratna P Hegde   | Automatic Sentiment Analysis Scalability Prediction for Information Extraction Using Senti Strength Algorithm | International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2022) | August 11-12, 2022 | VNRVJIET, Hyderabad | Proceedings to be published in Springer nature | - |
| 27 | Dr. Nagaratna P Hegde, Dr. Sireesha Vikkurty | 4 | Sharat Chandra Manchi Sarapu, Dr. Nagaratna P Hegde, Dr. Sireesha Vikkurty and Krishna Priya V.S. Garimella | Metacart - Decentralized Social Media Marketplace to Incentivize Creators and Ensure User Data Privacy        | International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2022) | August 11-12, 2022 | VNRVJIET, Hyderabad | Proceedings to be published in Springer nature | - |
| 28 | Dr. Nagaratna P Hegde                        | 2 | Janakamma Ch and Dr. Nagar  | Reliable Transmission of Multimedia Data Over   | International Conference on Advances in Computer Engineering and                                      | August 11-12, 2022 | VNRVJIET, Hyderabad | Proceedings to be published in Springer nature | - |

|    |  |   |   |   |  |                      |                       |  |   |
|----|--|---|---|---|--|----------------------|-----------------------|--|---|
|    |  |   | atna P Hegde  | Wireless Sensor Networks  | Communication Systems (ICACECS-2022)   |                      |                       |  |   |
| 29 | Dr. Nagaratna P Hegde                        | 2 | Nagaratna P Hegde, B. Manasa  | People Tracking & Counting Using Surveillance Systems   | International Conference on Artificial Intelligence and Data Science (ICAIDS)                                | October 8-9, 2022    | Bengaluru, India      | Proceedings to be published in Scopus          | - |
| 30 | Dr. Nagaratna P Hegde, Dr. Sireesha Vikkurty | 4 | Sharat Chandra Manchi Sarapu, Dr. Nagaratna P Hegde, Dr. Sireesha Vikkurty and Sameeha Mubeen | Decentralized Face Recognition Surveillance System leveraging the convergence of IoT, Cloud Computing, and Blockchain | International Conference on Artificial Intelligence and Data Science (ICAIDS)                                | October 8-9, 2022    | Bengaluru, India      | Proceedings to be published in Scopus          | - |
| 31 | Dr. Nagaratna P Hegde                        | 2 | Depthi P and Nagaratna P. Hegde   | Comparison of Pollard's rho algorithm based on cycle finding Methods  | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022. | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |

|        |                             |   |   |  |  |                          |                             |   |   |
|--------|-----------------------------|---|---|--|--|--------------------------|-----------------------------|---|---|
| 3<br>2 | Dr.<br>Nagaratna<br>P Hegde | 2 | Suresh<br>Ralla and<br>Dr.<br>Nagaratna<br>Paramesh<br>war<br>Hegde | Post Covid<br>Efficient and<br>Reliable Cardio<br>Vascular<br>Disease<br>Prediction using<br>Random Forest<br>& GA with<br>KNN               | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022. | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |
| 3<br>3 | Dr.<br>Nagaratna<br>P Hegde | 2 | M.<br>Swapna<br>and Dr.<br>Nagaratna<br>Paramesh<br>war<br>Hegde    | TNM Breast<br>Cancer Staging<br>and Survival<br>Rate Analysis  | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022. | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |
| 3<br>4 | Dr.<br>Nagaratna<br>P Hegde | 2 | Suresh<br>Ralla and<br>Dr.<br>Nagaratna<br>Paramesh<br>war<br>Hegde | Intelligent<br>Ensemble<br>Algorithm for<br>Feature<br>Selection and<br>effective<br>Prediction for<br>heart disease<br>using SVM and<br>KNN | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022. | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |
| 3<br>5 | Dr.<br>Nagaratna<br>P Hegde | 2 | S.Rakesh<br>Dr.<br>Nagaratna<br>P Hegde                             | EDAMOD:<br>Edge Detection<br>and Moving<br>Object Detec-<br>tion Algorithm   | 2nd<br>International<br>Conference on<br>Cognitive &<br>Intelligent  | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceeding<br>s to be<br>published<br>in Springer<br>nature | - |

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|----|---|---|---|--|--|----------------------|---|--|-------------------|
|    |   |   |   | to Control Traffic Lights Dynamically  | Computing (ICCIC-2022), during 27th & 28th Dec 2022.   |                      |   |  |                   |
| 36 | Dr. Nagaratna P Hegde                                     | 2 | V. Sandhya<br>Dr. Nagaratna P Hegde   | Patch Based Image classification using CNN                                   | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022. | December 27-28, 2022 | VCE, Hyderabad, India   | Proceedings to be published in Springer nature | -                 |
| 37 | Dr. Nagaratna Hegde,<br>Dr. V Sireesha,<br>S. Vinay Kumar | 4 | Dr. G P Hegde,<br>Dr. Nagaratna Hegde,<br>Dr. V Sireesha,<br>S. Vinay Kumar | Geometrical Feature Extraction Based Drivers Drowsiness Expression Detection | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022. | December 27-28, 2022 | VCE, Hyderabad, India   | Proceedings to be published in Springer nature | -                 |
| 38 | Dr. D. Baswaraj,<br>Dr. K. Srinivas                       | 2 | Dr. D. Baswaraj,<br>Dr. K. Srinivas   | Usage of Generative Adversarial Network to Improve Text to Image Synthesis   | International Conference on Computational Intelligence in Machine Learning (ICCIML-2022)                     | 18-19, November-2022 | Geethanjali College of Engineering and Technology, Hyderabad, India | Proceedings to be published in Scopus          | -                 |
| 39 | Dr. D. Baswaraj   |   | K. P. Malarkodi ; R. Sugumar;   | Cyber Physical Systems: Security Technologies,                               | International Conference on Advanced Computing and   | 11-13, December 2023 | Pudukkottai, India  | Scopus   | 979-8-3503-9737-6 |

|    |                             |   |  |  |  |                      |                    |                                       |                   |
|----|-----------------------------|---|--|--|--|----------------------|--------------------|---------------------------------------|-------------------|
|    |                             |   | <b>D. Baswaraj</b><br>; Arif Hasan; A. Kousalya; Nirmala S   | Application and Defense  | Communication Systems (ICACCS-2023) during 17-18 March 2023  |                      |                    |                                       |                   |
| 40 | Dr. D. Baswaraj             |   | Anil Kumar N; S. Vijayalakshmi; <b>D. Baswaraj</b> ; Padmanayaki Selvarajan; S. Chandramohan; Mohit Tiwari | Towards Internet of Things: Integration of Wireless Sensor Network to Cloud Services for Data Collection and Sharing | International Conference on Automation, Computing and Renewable Systems (ICACRS-2022), during 13-15 December 2022. | 11-13, December 2023 | Pudukkottai, India | Scopus                                | 978-1-6654-6084-2 |
| 41 | Sireesha V, Nagaratna Hegde | 4 | Sameeha Mubeen, Sireesha V, Nagaratna Hegde, Mohammed Imran Mirza  | NFTThis - A Blockchain-Based Neo Bank and NFT Marketplace for minting, lending and borrowing NFTs                    | International Conference on Artificial Intelligence and Data Science (ICAIDS)                                      | October 8-9, 2022    | Bengaluru, India   | Proceedings to be published in Scopus | -                 |

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|--------|--|---|---|---|---|----------------------|---|--|---|
| 4<br>2 | Dr. V.Sireesha<br>Dr. Nagaratna Hegde<br>S.Vinay Kumar | 4 | Dr. V.Sireesha<br>Dr. Nagaratna Hegde<br>S.Vinay Kumar<br>Alekyaharitha | Automatic Essay Grading System using Deep Neural Network                            | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India   | Proceedings to be published in Springer nature | -   |
| 4<br>3 | Dr.K.Srinivas<br>Dr.D.Baswaraj                         | 2 | Dr.K.Srinivas<br>Dr.D.Baswaraj  | Forensic Analysis of Uncompressed Image-Data Cluster for Estimating the Image-Width | International Conference on Computational Intelligence in Machine Learning (ICCIML-2022)                    | 18-19, November-2022 | Geethanjali College of Engineering and Technology, Hyderabad, India | Proceedings to be published in Scopus          | -   |
| 4<br>4 | Dr. E. Shailaja  | 2 | G.Rekha,<br>K,Shailaja  | Informative Software Defect Data Generation and Prediction:INF-SMOTE                | 6th International Conference on Advances in Computing and data Sciences(ICAC CDS-2022)                      | April 22-23,2022     |   | Scopus   | <a href="https://link.springer.com/chapter/10.1007/978-3-031-12638-3_16">https://link.springer.com/chapter/10.1007/978-3-031-12638-3_16</a> |
| 4<br>5 | Dr. E. Shailaja  | 3 | Dr M.Kavitha,<br>Mr.V.Suryanarayana Reddy<br>Dr                         | Sentimental analysis on Twitter data using supervised algorithms                    | 7th International conference on computing methodologies and Communication (ICCMC 2023)                      | 17.04.2023           |   | IEEE   | <a href="https://ieeexplore.ieee.org/abstract/document/10084278">https://ieeexplore.ieee.org/abstract/document/10084278</a>                 |

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|----|-------------------------|---|--|--|---|-------------------|--|---------------------------------------|--|
|    |                         |   | K.Shailaja   |  |   |                   |  |                                       |  |
| 46 | Dr.Parsi Kalpana        | 5 | Lakshmi Madhuri Kavali, Kalpana Parsi, Srinivasa Naveen Kumar G and Jagannadha Rao D B | Perlustration into Multi-Access Edge Computing: A Prospective approach         | International Conference on Intelligent Systems and Sustainable Computing (ICISSC-2022), at Mallareddy University, Hyderabad. | Dec, 2022         |  | Scopu                                 |  |
| 47 | Dr. Ch. Krishna Keerthi | 3 | Archana Kollu., Chennam, K.K., Deepa Mahajan   | An Empirical Review on secure Edge computing architecture                      | International Conference on Intelligent Systems and Sustainable Computing (ICISSC-2022)                                       | December 28, 2022 |  | Proceedings to be published in Scopus |  |
| 48 | Dr. R. Santosh Kumar    | 3 | S.R.M Krishna, santosh kumar R, RAMAK EISHNA K   | SECURE MOBILE AD hOC ROUTING USING CONFRONTATIONS AND NODES COMMUNICATION WITH | International Conference on Communications and Cyber-Physical Engineering   | Feb, 2023         |  | Scopus                                |  |



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|----|-----------------------------|---|---|---|---|-----------------------|---|--|---|
|    |                             |   |   | ccm-OKE -SSE MODEL                                      |   |                       |   |  |   |
| 49 | Dr. M. Jithender Reddy      | 4 | P Anuradha , K Rajkumar , CH Navitha, M Jithender Reddy | Implementation of Automatic vending MACHINE USING FPGA  | ICICC-2023  | Feb, 2023             |   | Scopus   |   |
| 50 | R.Sudha                     | 3 | R.Sudha, Dr G.N.R.Prasad, K.Ramakrishna                 | Education Technologies Based on A.I                     | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022  | VCE, Hyderabad, India                   | Proceedings to be published in Springer nature | - |
| 51 | R.Sateesh Kumar             | 2 | R.Sateesh Kumar, Dr S Sameen Fatima                     | Heart disease prediction using machine learning methods | International conference Innovation in Engineering and Technology (ICIET)                                   | September 15-17, 2022 | JNTUH, India                            | Proceedings to be published in Springer nature | - |
| 52 | Sriperambuduri Vinay Kumar, | 4 | Sriperambuduri Vinay Kumar,                             | Disguised Face Detection using Machine Learning         | AIST-2022   | 10 December 2022      | University of Malaysia Perlis, Malaysia | Proceedings to be published in Scopus          | - |

|    |  |   |  |  |   |                      |                       |  |                                   |
|----|--|---|--|--|---|----------------------|-----------------------|--|-----------------------------------|
|    | Dr.V Sireesha,<br>Dr. Nagaratna Hegde                                |   | Dr.V Sireesha,<br>Dr. Nagaratna Hegde,<br>Anisha                     |  |   |                      |                       |  |                                   |
| 53 | Sriperambuduri Vinay Kumar,<br>Dr.V Sireesha,<br>Dr. Nagaratna Hegde | 3 | Sriperambuduri Vinay Kumar,<br>Dr.V Sireesha,<br>Dr. Nagaratna Hegde | A Best Price Web Scraping Application for E-Commerce Websites                | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | -                                 |
| 54 | Sriperambuduri Vinay Kumar   | 2 | Sriperambuduri Vinay Kumar,<br>Dr. M Nagaratna                       | A Modified-PSO Algorithm to Schedule Scientific Workflows in Cloud           | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | -                                 |
| 55 | T. Nishitha  | 2 | T. Nishitha,<br>Goutham Reddy A                                      | Cross Layer Approach for Analysing the Performance of Mobile Ad hoc Networks | IEEE Global Conf on Computing, Power and Communication Technologies (GlobConPT). India Habitat Centre, New  | 23-25 September 2022 | New Delhi, India      | Scopus   | Electronic ISBN:978-1-6654-9365-9 |

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|----|----------------------|---|--|---|---|----------------------|-----------------------|--|---|
|    |                      |   |  |   | Delhi, Sep 23-25, 2022  |                      |                       |  |   |
| 56 | T. Nishitha          | 3 | T. Nishitha, Nithin, Dr.M.Sunitha                          |   | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 57 | M V B Murali Krishna | 3 | S VijayaKrishna, M V B Murali Krishna M,Koppiseti Giridhar | Scope of Research Areas Enlightened in Augmented and Virtual Reality        | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 58 | P.Ashwini, J.Swathy  | 4 | K.Dhanasree devi, P.Ashwini, N.Anil Kumar, J.Swathy        | Signature Proxy:An efficient View Management under Distributed Architecture | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |





**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)**  
**Ibrahimbagh, Hyderabad – 500031**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**Academic Year 2022-2023**

**Research Publications – Book & Book Chapters**

| Sl. No | Name of the Faculty Author | No of Authors | Main Author/ other  | Title of the Book Chapter   | Name of the Publisher   | ISBN Number             | URL   | Remarks |
|--------|----------------------------|---------------|---|---|---|-------------------------|---|---------|
| 1      | Gireesh C                  | 5             | Carol Eunice Gudumotu, Sathvik Reddy Nukala, Kartheeka Reddy, Ashish Konduri, and Gireesh C | A Survey on Deep Learning Models to detect Hate Speech and Bullying in Social Media | Springer book series: Intelligent Systems Reference Library     | ISBN: 978-3-031-12418-1 | Intelligent Systems Reference Library   Book titles in this series (springer.com)   |         |
| 2      | Chennam, K.K               | 5             | Chennam, K.K., Mudrakola, S., Maheswari, V.U., Aluvalu, R., Rao, K.G.                       | Black Box Models for eXplainable Artificial Intelligence.                           | xplainable AI: Foundations, Methodologies and Applications      | 978-3-031-12806-6       | <a href="https://link.springer.com/chapter/10.1007/978-3-031-12807-3_1#citeas">https://link.springer.com/chapter/10.1007/978-3-031-12807-3_1#citeas</a> |         |
| 3      | Krishna Keerthi Chennam    | 3             | Krishna Keerthi Chennam, FahminaTaranum and Maniza Hijab                                    | An Overview of Cyber Physical System (CPS) Security, Threats, and Solutions         | Convergence of Deep Learning In Cyber-IoT Systems and Security, | -                       | An Overview of Cyber Physical System (CPS) Security, Threats, and Solutions - Convergence of Deep Learning In Cyber-IoT Systems and                     |         |

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|---|----------------------|---|---|--|--|-------------------|---|--|
|   |                      |   |   |  |  |                   | Security - Wiley<br>Online Library  |  |
| 4 | Dr M Jithender Reddy | 1 | Dr M Jithender Reddy  | AI for Digital Marketing   | Futuristic trends in Artificial Intelligence               | 978-93-95632-81-2 | info@iiproceedings  |  |
| 5 | Dr.R.Santosh Kumar   | 3 | Dr.R.Santosh Kumar, Dr. KLNC prakash, Dr.Suryannarayana       | Drone Enables IoT Applications for Smart Cities                                  | Drone Technology: Future Trends and Practical Applications | -                 | -   |  |
| 6 | Dr.R.Santosh Kumar   | 3 | Dr. KLNC prakash,, Dr.R.Santosh Kumar, Dr.Suryannarayana      | The art of Drone technologies  | Drone Technology: Future Trends and Practical Applications | -                 | -   |  |
| 7 | Dr.R.Santosh Kumar   | 3 | SRM Krishna, M.pothalliaah, Dr.R.Santosh Kumar,               | A Novel Model for Optimal Reliable Routing Path Prediction in MANET              | Cognitive computaional models in communication systems     | 9781119865070     | <a href="https://onlinelibrary.wiley.com/doi/10.1002/9781119865605.ch4">https://onlinelibrary.wiley.com/doi/10.1002/9781119865605.ch4</a> |  |
| 8 | R.Sudha              | 4 | Dr. Raghav Garg, T.Vamshi Mohana , Babasaheb D.Patil, R.Sudha | Software Process and Agile Development, Requirements Analysis and Specifications | Software Engineering                                       | 978-93-5625-260-8 | <a href="https://dl.flipkart.com/s/QhjrrMNNN">https://dl.flipkart.com/s/QhjrrMNNN</a>   |  |



**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)**

**Ibrahimbagh, Hyderabad – 500031**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Academic Year 2022-23**

**Student Research Publications- Journals**

| <b>SL.No</b> | <b>Name of the Faculty Author</b> | <b>No.of Authors</b> | <b>Main Author/ Other</b> | <b>Title of the Paper</b> | <b>Name of the Journal</b> | <b>ISBN/ISSN Number</b> | <b>Vol/Month</b> | <b>Index No UGC/S copus</b> | <b>URL/DOI</b> |
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| <b>NIL</b>   |                                   |                      |                           |                           |                            |                         |                  |                             |                |



**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)**  
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**Academic Year 2022-23**  
**Student Conference papers**

| Sl .<br>N<br>o. | Name Of<br>the<br>Faculty<br>As Author             | No<br>Of<br>Auth<br>ors | Main<br>Author/<br>Others  | Title Of the<br>Paper   | Name Of the<br>Conference  | Date/S                    | Organized By<br>with Location | ISBN/ISSN<br>Number  | URL/DO<br>I |
|-----------------|--|-------------------------|--|---|--|---------------------------|-------------------------------|--|-------------|
| 1               | Dr.<br>T.Adilaksh<br>mi,<br>Dr.M.Sunit<br>ha Reddy | 3                       | Dr.M.Sunit<br>ha Reddy,<br>Dr.T.Adila<br>kshmi,<br>H.Renuka          | Emotion based<br>Music<br>Recommendation<br>system to<br>generate dynamic<br>playlist   | International<br>Conference on<br>Advances in<br>Computer<br>Engineering and<br>Communication<br>Systems<br>(ICACECS-2022) | August 11-12,<br>2022     | VNRVJIET,<br>Hyderabad        | Proceedings<br>to be<br>published in<br>Springer<br>nature | -           |
| 2               | Dr.<br>T.Adilaksh<br>mi,<br>Dr.M.Sunit<br>ha Reddy | 3                       | Dr.M.Sunit<br>ha Reddy,<br>Dr.T.Adila<br>kshmi,<br>Thanmayi<br>Reddy | User-Centric<br>Adaptive<br>Clustering (UCC)<br>Approach to<br>Address Long<br>Tail Problem In<br>Music<br>Recommendation<br>Systems" | International<br>Conference on<br>Advances in<br>Data-driven<br>Computing and<br>Intelligent<br>Systems (ADCIS<br>2022)    | September 22-<br>23, 2022 | BITS, Goa                     | Proceedings<br>to be<br>published in<br>Springer<br>nature | -           |



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|---|---|---|--|--|---|----------------------|-----------------------|--|---|
| 3 | Dr.M.Sunit ha Reddy, Dr.T.Adila kshmi,                              | 4 | Dr.M.Sunit ha Reddy, Dr.T.Adila kshmi, Suman Chutturi, Praneeth                      | Deep Learning based Emotion aware Music Recommendation System  | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th December 2022. | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 4 | Dr.M.Sunit ha Reddy, Dr.T.Adila kshmi,                              | 3 | Dr.M.Sunit ha Reddy, Dr.T.Adila kshmi, Victor Emanuel                                | Cnn Based Predicting Agricultural Produce Prices & Deep Learning Based Improving Lives Of Indebted Farmers | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th December 2022. | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 5 | Dr.K.Srinivas, Dr.M.Sunit ha Reddy, Dr.T.Adila kshmi, Dr.D.Baswaraj | 6 | Dr.M.Sunit ha Reddy, Dr.K.Srinivas, Dr.T.Adila kshmi, Dr.D.Baswaraj, Ashish, Visista | Data Fragment Classification of High Entropy Files Using Machine Learning Classification Algorithms        | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th December 2022. | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |
| 6 | Dr.K.Srinivas, Dr.M.Sunit ha Reddy, Dr.T.Adila kshmi, Dr.D.Baswaraj | 6 | Dr.K.Srinivas, Dr.M.Sunit ha Reddy, Dr.T.Adila kshmi, Dr.D.Baswaraj, Hara            | Orphaned Uncompressed Image File Fragment Carving  | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022       | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |

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|    |   |   | Deep,<br>Pavan<br>Kalyan  |  |  |                          |                             |  |   |
| 7  | Tattari<br>Jalaja ,<br>Dr.T.Adila<br>kshmi, | 4 | T.Jalaja<br>Dr. T.<br>Adilakshmi<br>Bakshi<br>Abhinith<br>Akash S<br>Vora   | Delightful Drips:<br>A Smart<br>Irrigation System                                  | 2nd International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022 | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceedings<br>to be<br>published in<br>Springer<br>nature | - |
| 8  | Tattari<br>Jalaja ,<br>Dr.T.Adila<br>kshmi, | 5 | T. Jalaja,<br>Dr. T.<br>Adilakshmi,<br>S. Komal<br>Kaur,<br>V Sree<br>Siva Naga<br>Surya<br>Prakash,<br>Gatla<br>Ashmitha | Controlling<br>Electrical Bulb<br>Through Mobile<br>Based on Light<br>Intensity    | 2nd International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022 | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceedings<br>to be<br>published in<br>Springer<br>nature | - |
| 9  | Tattari<br>Jalaja ,<br>Dr.T.Adila<br>kshmi, | 4 | Tattari<br>Jalaja ,<br>Dr.T.Adila<br>kshmi,<br>P.Amulya<br>Olivia,<br>Gatla<br>Ashmitha                                   | Face Mask<br>Detection,<br>Temperature<br>Scanning &<br>Sanitization<br>Automation | 2nd International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022 | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceedings<br>to be<br>published in<br>Springer<br>nature | - |
| 10 | Dr. T<br>Adilakshmi                         | 3 | Soanpet<br>Sree<br>Lakshmi,<br>Dr. T.<br>AdiLaksh   | Enhanced<br>adaptive multi-<br>level clustering of<br>long tail items              | 2nd International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing  | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceedings<br>to be<br>published in<br>Springer<br>nature | - |

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|--------|---|---|--|---|---|--------------------------|-----------------------------|--|---|
|        |   |   | mi Bakshi<br>Abhinith  |   | (ICCIC-2022),<br>during 27th &<br>28th Dec 2022   |                          |                             |  |   |
| 1<br>1 | Dr. T<br>Adilakshmi   | 4 | Soanpet<br>Sree<br>Lakshmi,<br>Dr. T.<br>AdiLaksh<br>mi,<br>T. Anuvik<br>and L.<br>Rahul   | Implementation<br>of a Hybrid<br>Movie<br>Recommendation<br>System for large<br>scale Data                                  | 2nd International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022  | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceedings<br>to be<br>published in<br>Springer<br>nature | - |
| 1<br>2 | Komal<br>Kour, Dr.<br>T<br>Adilakshmi                       | 3 | Mohamme<br>d Imran<br>Mirza,<br>Komal<br>Kour, Dr.<br>T<br>Adilakshmi  | Improved<br>Kangaroo Method<br>to speedup<br>Pollard's rho  | 2nd International<br>Conference on<br>Cognitive &<br>Intelligent<br>Computing<br>(ICCIC-2022),<br>during 27th &<br>28th Dec 2022. | December 27-<br>28, 2022 | VCE,<br>Hyderabad,<br>India | Proceedings<br>to be<br>published in<br>Springer<br>nature | - |
| 1<br>3 | Dr.<br>Nagaratna<br>P Hegde,<br>Dr.<br>Sireesha<br>Vikkurty | 4 | Sharat<br>Chandra<br>Manchi<br>Sarapu,<br>Dr.<br>Nagaratna<br>P Hegde,<br>Dr.<br>Sireesha<br>Vikkurty<br>and<br>Krishna<br>Priya V.S.<br>Garimella | Metacart -<br>Decentralized<br>Social Media<br>Marketplace to<br>Incentivize<br>Creators and<br>Ensure User Data<br>Privacy | International<br>Conference on<br>Advances in<br>Computer<br>Engineering and<br>Communication<br>Systems<br>(ICACECS-2022)        | August 11-12,<br>2022    | VNRVJIET,<br>Hyderabad      | Proceedings<br>to be<br>published in<br>Springer<br>nature | - |

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|----|--|---|---|---|--|----------------------|-----------------------|--|---|
| 14 | Dr. Nagaratna P Hegde                        | 2 | Janakamma Ch and Dr. Nagaratna P Hegde  | Reliable Transmission of Multimedia Data Over Wireless Sensor Networks  | International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2022)        | August 11-12, 2022   | VNRVJIET, Hyderabad   | Proceedings to be published in Springer nature | - |
| 15 | Dr. Nagaratna P Hegde                        | 2 | Nagaratna P Hegde, B. Manasa  | People Tracking & Counting Using Surveillance Systems   | International Conference on Artificial Intelligence and Data Science (ICAIDS)                                | October 8-9, 2022    | Bengaluru, India      | Proceedings to be published in Scopus          | - |
| 16 | Dr. Nagaratna P Hegde, Dr. Sireesha Vikkurty | 4 | Sharat Chandra Manchi Sarapu, Dr. Nagaratna P Hegde, Dr. Sireesha Vikkurty and Sameeha Mubeen | Decentralized Face Recognition Surveillance System leveraging the convergence of IoT, Cloud Computing, and Blockchain | International Conference on Artificial Intelligence and Data Science (ICAIDS)                                | October 8-9, 2022    | Bengaluru, India      | Proceedings to be published in Scopus          | - |
| 17 | Dr. Nagaratna P Hegde                        | 2 | S. Rakesh Dr. Nagaratna P Hegde   | EDAMOD: Edge Detection and Moving Object Detection Algorithm to Control Traffic Lights Dynamically                    | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022. | December 27-28, 2022 | VCE, Hyderabad, India | Proceedings to be published in Springer nature | - |

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|----|--|---|---|---|---|----------------------|---|--|---|
| 18 | Sireesha V, Nagaratna Hegde                                    | 4 | Sameeha Mubeen, Sireesha V, Nagaratna Hegde, Mohammed Imran Mirza       | NFTThis - A Blockchain-Based Neo Bank and NFT Marketplace for minting, lending and borrowing NFTs | International Conference on Artificial Intelligence and Data Science (ICAIDS)                               | October 8-9, 2022    | Bengaluru, India                        | Proceedings to be published in Scopus          | - |
| 19 | Dr. V.Sireesha<br>Dr. Nagaratna Hegde<br>S.Vinay Kumar         | 4 | Dr. V.Sireesha<br>Dr. Nagaratna Hegde<br>S.Vinay Kumar<br>Aleky Haritha | Automatic Essay Grading System using Deep Neural Network  | 2nd International Conference on Cognitive & Intelligent Computing (ICCIC-2022), during 27th & 28th Dec 2022 | December 27-28, 2022 | VCE, Hyderabad, India                   | Proceedings to be published in Springer nature | - |
| 20 | Sriperambuduri Vinay Kumar, Dr.V Sireesha, Dr. Nagaratna Hegde | 4 | Sriperambuduri Vinay Kumar, Dr.V Sireesha, Dr. Nagaratna Hegde, Anisha  | Disguised Face Detection using Machine Learning   | AIST-2022   | 10 December 2022     | University of Malaysia Perlis, Malaysia | Proceedings to be published in Scopus          | - |