

Paper Publication Details-2024-25

| Sl.No | Title of paper | Name of the author/s | Title of the journal& ISSN NO |
|-------|--|----------------------------------|---|
| 1. | High Secure Encryption and Masking Technique for 3D Point Cloud Models | Dr.Manikamma | Computer Integrated Manufacturing Systems (CIMS)& 1006-5911 |
| 2. | Detecting human stress using machine learning algorithms based on sleeping patterns" | Dr.Jyoti Neginal Dr.Manikamma | Journal of Systems Engineering and Electronics &1671-1793 |
| 3. | Intrusion Detection System Using Machine Learning | Dr.Manikamma Dr.Jyoti Neginal | "GIS SCIENCE JOURNAL" & 1869-9391 |

Paper Publication Details-2023-24

| Sl. No | Title of paper | Name of the author/s | Title of the journal& ISSN NO |
|---------|---|---|---|
| 1. 1 | An Intelligent Based System For Voice To Text Conversion And Summarization Using Machine Learning | Dr.Manikamm a Malipatil Prof.Jyoti Neginal | Journal For Basic Sciences &1006-8341 |
| 2. 2 | Offline Recognition of Handwritten Mathematical Expressions Using CNN and Xception | Prof.Jyoti Neginal Dr.Manikamm a Malipatil | Foundry Journal& 1001-4977 |
| 3. 6 | Colour Image Steganography based on Channel Trnsformation Approach to enhance Visual Quality | Prof.Jyoti Neginal | Advanced Engineering Science &2502-4760 |
| 4. 8 | Pixel to plate: Generating recipes from food images using CNN | Asst.Prof. Akkanagamm a | International journal of creative thoughts& |

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| | | | 2320-2882 |
| 5. 11 | Enhancing autonomous vehicle applications with advanced lane detection and tracking | Dr.Jyoti R M | IRJET &2395-0056 |
| 6. | Research Over Different Techniques In Implementation To Detect Dos Attacks In Currentinternet Era | Prof.Swarooparani | Journal: Eur. Chem. Bull. &2063-5346 |
| 7. | Position Based Routing Using Internet Contact To Vanet Through Satellite Receive-Only Terminal | Prof. shradhada Dulange | ICTACT Journal on Communication Technology &0976-0091 |
| 8. | Smart Dental Examination Device Using IOT | Prof.Priyadarshini | Journal Of Scientific Research and Technology &2583-8660 |
| 9. | "Colour image steganography through channel transformation approach", | Prof.Jyoti Negin | IAES International Journal of Artificial Intelligence&2252-8938 |

Paper Publication Details-2022-23

| Sl. No | Title of paper | Name of the author/s | Title of the journal& ISSN NO |
|--------|--|----------------------|--|
| 1. | Integrated CS-Clustering mechanism for network lifetime improvisation in WSN environment | Prof.Nandini V Patil | <u>Multimedia Tools and Applications</u> &1573-7721 |
| 2. | A Human behaviour analysis model to track object behaviour in surveillance videos | Shruti S A | measurement-sensors |

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|-----|---|-----------------------------------|---|
| 3. | Malignant Melanoma Classification using GLCM and SVM | Prof. Shweta M Madiwal | International Journal of Scientific Research in Science and Technology& ISSN : 2395-602X |
| 4. | Sine and Cosine Based Harris Hawks Optimizer: A Hybrid Optimization Algorithm for Skin Cancer Detection Using Deep Stack Auto Encoder | Prof. Shweta M Madiwal | International Information and Engineering Technical Association& Vol. 36, No. 5, pp. 697-706. |
| 5. | Competitive Analysis for the Auditing cloud Consistency | Prof. Shweta M Madiwal& Jyoti R M | International Journal of Scientific Research in Science and Technology&2395-602X |
| 6. | Covid-19 detection using deep machine learning method based on X-Ray | Prof.Pushpalata | International journal of creative research thoughts& Vol 10,Issue 7 |
| 7. | Accurate vehicular movement understanding in aerial images using convolutional neural network architecture | Prof.Pushpalata | Advanced engineering sciences& Vol no 54,Issue 03 |
| 8. | A novel method for identifying skin cancer disease detection using convolutional neural network | Prof.Pushpalata | International journal of creative research thoughts& Vol 10,Issue 7 |
| 9. | Covid-19 future forecasting using supervised machine learning | Prof. Jyoti Neginal | Science, Technology and Development&0950-0707 |
| 10. | Dry hand washing machine by fog disinfection to save water | Prof.Nandini V Patil | International Journal of Creative Research Thoughts (IJCRT)&2320-2882 |

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| 11. | A machine learning Approach to predict Thyroid Disease at early stages of diagnosis | Prof.Amruta | International Journal of Creative Research Thoughts (IJCRT)&2320-2882 |
| 12. | A Trusted Blockchain-Based Traceability System for Fruit and Vegetable Agricultural Products | Asst.Prof. Akkanagamma | International journal of creative thoughts&2320-2882 |
| 13. | IOT Virtual Doctor Robot | Prof.chethana | International Journal of Creative Research Thoughts (IJCRT)&2320-2882 |
| 14. | Consensus-based Secure and efficient compressive sensing in a wireless sensor network environment | Prof.Nandini V Patil | Indonesian Journal of Electrical Engineering and Computer Science (IJEECS) &2502-4760 |
| 15. | ARPVP:Attack resilient Position-Based VANET Protocol using Ant Colony Optimization | Dr.Jyoti R M | wireless personal communication & 1235-1258 |
| 16. | A Traffic load analysis model using optical flow and boodting classifier | Dr. Pushpalata | Multimedia tools and Applications& 40783-40798 |
| 17. | Advance driver assistance system | Dr.Jyoti R M | JETIR& 2349-5162 |

Patent Filed Details

| Sl.No | Name of the Authors | Name of the Patent |
|-------|---------------------|--|
| 1. | Dr.Nandini S Patil | Wireless Smart Meter System |
| 2. | Dr.Shivaleela Patil | Wrist Band for Monitoring and Treatment of Epilepsy |
| 3. | Dr.Shivaleela Patil | AI based Lung cancer testing device. |
| 4. | Prof.Shruthi S A | An Analysis and Monitoring the body movements of coma patients |

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| | | using Wearable motion sensor system. |
| 5. | Prof.Chetana | IOT Sensors in environmental monitoring system using Artificial Intelligence |
| 6. | Prof.Jyoti Neginal | A reversible data embedding approach for secure data transmission with minimized distortions |
| 7. | Prof.Jyoti Neginal | A Robust approach for content based image retrieval using efficient feature extraction and classification approach |
| 8. | Prof.Jyoti Neginal | Packet loss and error recovery optimization for scalable video coding approach to provide QOS support for mobile adhoc network. |
| 9. | Prof.Pushpalata | An accurate Vehicular movement understanding system in areal images using convolutional neural network architecture |
| 10. | Prof.Pushpalata | A system for multiclass plant classification based on convolutional neural network architecture for accurate plant species detection. |
| 11. | Prof. Shruti S A | Machine learning based facial and emotional identification techniques for Pharma applications |
| 12. | Dr.Jyoti R Marnur | A system for secure clustering and data transmission in vehicular adhoc network using weight evaluation |
| 13. | Dr.Manikamma Malipatil | A novel watermarking techniques for 3D mesh objects |
| 14. | Dr.shivaleela Patil | Deep learning based detection of chronic heart disease using feature extraction of ECG |

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| 15. | Prof.Shweta Madiwal | Image processing and machine learning based detection of malignant skin cancer using support vector machine(SVM) classifier |
| 16. | Dr.Manikamma Malipatil | Ecryption technique for 3D point cloud models with mapping |
| 17. | Dr.Manikamma Malipatil | A novel watermarking techniques for 3D mesh objects |