



Vidyavardhini's College of Engineering and Technology  
Department of Computer Engineering  
Academic Year : 2023-24

**Faculty Publications for AY: 2023-24**

| Sr. No | Name of Faculty    | Paper Title  | Name of Research Journal / Conference  | Vol. Issue No      | Impact Factor | Year of Publication | DOI / Paper Link  |
|--------|--------------------|--|--|--------------------|---------------|---------------------|---|
| 1      | Dr. Anil Hingmire  | Intelligent Crime Scene Recognition: Advancing Public Safety through Deep Learning Architectures and Event Sequence Analysis | SSRG International Journal of Electrical and Electronics Engineering                 | Volume 11 Issue 4, | 1.1           | 2024                | <a href="https://doi.org/10.14445/23488379/IJEEE-V11I4P108">10.14445/23488379/IJEEE-V11I4P108</a>     |
| 2      | Mrs. Swati Varma   | SMDBERT: A Novel Symptom-based Technique for Chronic Disease Classification using DISTILBERT                                 | International Journal on Recent and Innovation Trends in Computing and Communication | Vol- 11, Issue: 9  | 1.376         | 2023                | <a href="https://doi.org/10.17762/ijritcc.v11i9.9275">https://doi.org/10.17762/ijritcc.v11i9.9275</a> |
| 3      | Ms. Amruta Mhatre  | Deep learning Based Automatic vehicle license plate recognition system for enhanced vehicle identification                   | International Journal on Recent and Innovation Trends in Computing and Communication | Vol- 11, Issue: 9  | 1.376         | 2023                | <a href="https://doi.org/10.17762/ijritcc.v11i9.8112">https://doi.org/10.17762/ijritcc.v11i9.8112</a> |
| 4      | Mrs. Aarti Puthran | Review on House Price Prediction through Regression Techniques   | International Research Journal of Engineering and Technology                         | Vol -10, Issue:07  | 8.226         | 2023                | <a href="https://www.irjet.net/archives/V10/I7/I">https://www.irjet.net/archives/V10/I7/I</a>         |



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|   |  |   |   |                      |    |      | <a href="#">RJET-V10I774.pdf</a>  |
| 5 | Mr. Vishal Pande   | Design Of Outcome Based Education (OBE) Framework For Attainment Of CO.PO & PSO | Education And Society   | Year - 47 Issue No.2 | -  | 2023 |   |
| 6 | Dr. Anil Hingmire, Dr. Sunayana Jadhav, Mr. Sanjay Lohar | USB fort knox: Building a robust defense against data breaches                  | International Conference on Innovations and Advance in Cognitive System, Springer | NA                   | NA | 2024 | <a href="https://doi.org/10.1007/978-3-031-69201-7_13">https://doi.org/10.1007/978-3-031-69201-7_13</a> |
| 7 | Mrs. Sneha Mhatre  | Multifunctional Language Processing Software Framework                          | International Conference on Innovations and Advance in Cognitive System, Springer | NA                   | NA | 2024 | <a href="https://doi.org/10.1007/978-3-031-69201-7_17">https://doi.org/10.1007/978-3-031-69201-7_17</a> |
| 8 | Dr. Vikrant Agaskar                                      | Deep Learning Approach for Analysis of Audio for the Diagnosis of Alzheimer     | International Conference on Innovations and Advance in Cognitive System, Springer | NA                   | NA | 2024 | <a href="https://doi.org/10.1007/978-3-031-69197-3_1">https://doi.org/10.1007/978-3-031-69197-3_1</a>   |
| 9 | Dr. Swapna Borde   | Carcinoma Detection using   | International Conference on   | NA                   | NA | 2024 | <a href="https://doi.org/10.1007/978-3-031-69197-3_1">https://doi.org/10.1007/978-3-031-69197-3_1</a>   |



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|    |  | Deep Learning  | Innovations and Advance in Cognitive System, Springer   |    |    |      | <a href="https://doi.org/10.1007/978-3-031-69197-3_14">07/978-3-031-69197-3_14</a>                      |
| 10 | Mrs. Aarti Puthran,<br>Mrs. Smita Jawale | Empowering Early Autism Detection in Toddlers using Deep Neural Networks   | International Conference on Innovations and Advance in Cognitive System, Springer               | NA | NA | 2024 | <a href="https://doi.org/10.1007/978-3-031-69197-3_11">https://doi.org/10.1007/978-3-031-69197-3_11</a> |
| 11 | Mrs. Brinal Colaco                       | AI for creating an Autonomous and Self-Configuring Blockchain  | ICAT 2024: International Conference on Advanced Technology                                      | NA | NA | 2024 |   |
| 12 | Mrs. Aarti Puthran                       | Exploring Innovations for Steamlining Orphan Adoption: Harnessing Blockchain and Decentralized Solutions- A survey and Comprehensive Framework | International Conference on Information and Communication Technology for Competitive Strategies | NA | NA | 2023 | <a href="https://doi.org/10.1007/978-981-97-0744-7_16">https://doi.org/10.1007/978-981-97-0744-7_16</a> |
| 13 | Dr. Megha Trivedi                        | Intelligent Waste Material Classification using EfficientNet- B3   | International Conference on Self Sustainable Artificial   | NA | NA | 2023 | <a href="https://doi.org/10.1109/I CSSAS57918.2023.10331734">10.1109/I CSSAS57918.2023.10331734</a>     |



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|    |                    | Convolutional Neural Network for Enhanced Waste Management | Intelligence Systems (ICSSAS 2023)   |    |    |      |   |
| 14 | Mrs. Aarti Puthran | Metro Cities House Price Prediction using ML               | International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2023) | NA | NA | 2023 | <a href="#">10.1109/ICSSAS57918.2023.10331796</a> |
| 15 | Mrs. Sneha Mhatre  | Demand Forecasting in Retail for Diabetes Medicine         | International Conference on Data Science and Network Security (ICDSNS)                     | NA | NA | 2023 | <a href="#">10.1109/ICDSNS58469.2023.10245677</a> |