

## STUDENT RESEARCH PAPER/ PUBLICATIONS

| Sr.No. | Name of Faculty              | Research paper Title                                                                             | year | I.F, Link and DOI                                                                                                                                                                                     |
|--------|------------------------------|--------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Om Ulhas Nagvekar            | Managing Spam Images on<br>Android: An Approach<br>Utilizing Machine Learning<br>and NLP         | 2023 | <a href="https://link.springer.com/chapter/10.1007/978-981-97-2550-2_59">https://link.springer.com/chapter/10.1007/978-981-97-2550-2_59</a>                                                           |
|        | Parth Nitin Sarnobat         |                                                                                                  |      |                                                                                                                                                                                                       |
|        | Sumeet Arun Kurbetti         |                                                                                                  |      |                                                                                                                                                                                                       |
| 2      | Apurva Krishnadeo Vhatkar    | Enhancing Video Content<br>Accessibility Through<br>YouTube Transcript<br>Summarization          | 2024 | <a href="https://link.springer.com/chapter/10.1007/978-981-97-2550-2_10">https://link.springer.com/chapter/10.1007/978-981-97-2550-2_10</a>                                                           |
|        | Nikita Amar Jagtap           |                                                                                                  |      |                                                                                                                                                                                                       |
|        | Preeti Shrinivas Devanahalli |                                                                                                  |      |                                                                                                                                                                                                       |
|        | Aashutosh Sunilraj Kumbhar   |                                                                                                  |      |                                                                                                                                                                                                       |
| 3      | Rutuja Nandkishor Warke      | Intelligent IoT System for<br>Irrigation and Water<br>Management                                 | 2024 | <a href="https://link.springer.com/book/10.1007/978-981-97-7371-8">https://link.springer.com/book/10.1007/978-981-97-7371-8</a>                                                                       |
| 4      | Chinmay Hemant Bhosale       | Deep Learning Based<br>Automated Question<br>Generation for<br>Examination System                | 2024 | <a href="https://ieeexplore.ieee.org/document/10870863">https://ieeexplore.ieee.org/document/10870863</a>                                                                                             |
|        | Mandar Ravindra Patil        |                                                                                                  |      |                                                                                                                                                                                                       |
| 5      | Prachi Dattatray Wandre      | Environment friendly<br>Plastic Garbage<br>Classification Using<br>Convolution Neural<br>Network | 2024 | <a href="https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=10673625&amp;isnumber=10673418">https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=10673625&amp;isnumber=10673418</a> |
| 6      | Yash Vijaykumar Nashte       | Dynamic Surveillance :<br>Integration of VGG and<br>ResNET                                       | 2024 | <a href="https://ieeexplore.ieee.org/abstract/document/10750569">https://ieeexplore.ieee.org/abstract/document/10750569</a>                                                                           |
|        | Reva Rahul Tamboli           |                                                                                                  |      |                                                                                                                                                                                                       |
|        | Mugdha Uddhav Chavan         |                                                                                                  |      |                                                                                                                                                                                                       |
|        | Arushi Naresh Agrawal        |                                                                                                  |      |                                                                                                                                                                                                       |

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|--------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7      | Yash Vijaykumar Nashte        | Dynamic Surveillance : Real-time insight system                                                                                           | 2024      | ICRIC'07                                                                                                                                                                                                                                      |
|        | Reva Rahul Tamboli            |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Mugdha Uddhav Chavan          |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Arushi Naresh Agrawal         |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
| 8      | Sejal Anil Mali               | Gesture palette : A Virtual Painting Website                                                                                              | 2024      | <a href="https://ieeexplore.ieee.org/document/10829092">https://ieeexplore.ieee.org/document/10829092</a> DOI: <a href="https://doi.org/10.1109/ICISAA62385.2024.10829092">10.1109/ICISAA62385.2024.10829092</a>                              |
|        | Siddhant Ankush Bodake        |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Siddhi Yadav                  |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Akanksha Arasekar             |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
| 9      | Akhilesh Ravindra Huddar      | Deep Learning & Zapier Automation based Medicinal Leaf Talk:Unraveling Nature's Secrets                                                   | 2024      | <a href="https://doi.org/10.1109/ACOIT62457.2024.10939936">10.1109/ACOIT62457.2024.10939936</a>                                                                                                                                               |
|        | Sarvesh Pratap Padwal         |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Rohan Sunil Sardesai          |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
| 10     | Bhakti Prakash Ayarekar       | 1) Automatic Number Plate Recognition: A Deep Dive into YOLOv8 and ResNet-50 Integration, 2) Reddit Sentiment Analysis Using AWS Services | 2024&2025 | <a href="https://doi.org/10.1109/ANPR.2024.10870666">ANPR: A Deep Dive into YOLOv8 and ResNet-50 Integration   IEEE.</a><br><a href="https://doi.org/10.1109/RASTA.2024.10870666">Reddit Sentiment Analysis Using AWS Services   Springer</a> |
|        | Ankita Tanaji Yadav           |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Rohan Sachidanand Chopade     |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Soham Sandeep Mangore         |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
| 11     | Simran Jamadar                | Camouflaged Human Detection: Comparative Analysis Using YoloV5s, YOLOv5l, YOLOv5m, YOLOv5n, YOLOv5x Model                                 | 2024      | 10.1109/AISP61711.2024.10870666                                                                                                                                                                                                               |
|        | Sneha Magdum                  |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Sufiya Mulla                  |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Rajlaxmi Mandavkar            |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
| 12     | Prathamesh Shivanand Walvekar | 1) Derm-AI : Dermatological disease prediction using CNN model                                                                            | 2025      | <a href="https://doi.org/10.1109/AISP61711.2024.10870861">https://doi.org/10.1109/AISP61711.2024.10870861</a> ,<br><a href="https://ieeexplore.ieee.org/document/10870861">https://ieeexplore.ieee.org/document/10870861</a>                  |
|        | Sonali Shankarrao Kadam       |                                                                                                                                           |           |                                                                                                                                                                                                                                               |
|        | Vaishnavi Kiran Kesarkar      |                                                                                                                                           |           |                                                                                                                                                                                                                                               |