



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**DETAILS OF FACULTY PUBLICATIONS DURING THE ACADEMIC YEAR 2024-25**

| Sl. No | Name of the Faculty   | Title                                                                                                                             | Name of the Journal/<br>Conference/ Event<br><br>/ Publisher                           | Year       | Vol/<br>Issue       | ISSN.<br>No/ DOI<br>No           |
|--------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------|---------------------|----------------------------------|
| 1.     | Dr. Shinu Mathew John | Glaucoma Diagnosis From Smartphone Captured Fundus Images Using Deep Learning                                                     | 2024 11th International Conference on Advances in Computing and Communications (ICACC) | Nov 2024   | -                   | 10.1109/ICACC63692.2024.10845248 |
| 2      | Dr. Amitha I C        | Pickperfect: Coconut Maturity Detector And Harvester                                                                              | IJNRD - International Journal of Novel Research and Development                        | April 2025 | Issue 4,<br>Vol 10, | ISSN: 2456-4184                  |
| 3      | Dr. Amitha I C        | Improved Parking Slot Using Yolov3                                                                                                | IJNRD - International Journal of Novel Research and Development                        | April 2025 | Issue 4,<br>Vol 10, | ISSN: 2456-4184                  |
| 4      | Dr. Amitha I C        | Machine Learning-Driven Pattern Recognition for Respiratory Disease Detection Using Spirometry Data and Hybrid SVM-KNN-CNN Models | IJNRD - International Journal of Novel Research and Development                        | April 2025 | Vol 10<br>Issue 4   | ISSN: 2456-4184                  |
| 5      | Mr. Madhu K           | Glaucoma Diagnosis From Smartphone Captured Fundus Images Using Deep Learning                                                     | 2024 11th International Conference on Advances in                                      | Nov 2024   | -                   | 10.1109/ICACC63692.2024.10845248 |

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|----|------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------|-------------------|-----------------|
|    |                  |                                                                                                                                   | Computing and Communications (ICACC)                              |            |                   |                 |
| 6  | Mr. Jithin S     | TRIPSTER - An AI Powered Trip Companion                                                                                           | IJNRD - International Journal of Novel Research and Development   | April 2025 | Issue 4, Vol 10,  | ISSN: 2456-4184 |
| 7  | Mr. Jithin S     | Automated Telegram Group Management System for Spam and NSFW Content Prevention                                                   | IJRTI - International Journal For Research Trends And Innovations | April 2025 | Issue 4, Vol 10   | ISSN:2455-2631  |
| 8  | Ms. Anu C        | Brandguard: Ai-Driven Threat Intelligence With Sentiment Analysis                                                                 | IjnrD - International Journal Of Novel Research And Development   | April 2025 | Issue 4, Vol 10   | ISSN: 2456-4184 |
| 9  | Ms. Dinla O K    | LAI: A MODEL FOR IDENTIFYING VARIOUS LUNG ABNORMALITIES                                                                           | IJNRD - International Journal of Novel Research and Development   | April 2025 | Issue 4, Vol 10   | ISSN: 2456-4184 |
| 10 | Ms. Jithika M    | An AI-Powered AR Game Platform for Hand-Drawn Sketch Recognition                                                                  | IJRTI - International Journal For Research Trends And Innovations | April-2025 | Volume 10 Issue 4 | ISSN: 2455-2631 |
| 11 | Ms. Jithika M    | Brain Tumor Detection And Classification                                                                                          | IJNRD - International Journal of Novel Research and Development   | April 2025 | Issue 4, Vol 10   | ISSN: 2456-4184 |
| 12 | Ms.Anju G        | VAE-Driven Cardiac Disease Prediction Using Multimodal Fusion                                                                     | IJNRD - International Journal of Novel Research and Development   | May 2025   | Issue 5, Vol 10   | ISSN: 2456-4184 |
| 13 | Ms.Vaishakhi V K | Machine Learning-Driven Pattern Recognition for Respiratory Disease Detection Using Spirometry Data and Hybrid SVM-KNN-CNN Models | IJNRD - International Journal of Novel Research and Development   | April 2025 | Vol 10 Issue 4    | ISSN: 2456-4184 |
| 14 | Ms.Vaishakhi V K | AI-Enhanced Remote Patient Monitoring and Emotion Recognition System using Android App                                            | IJNRD - International Journal of Novel Research and Development   | May 2025   | Issue 5, Vol 10   | ISSN: 2456-4184 |

