

Patent Published

Year: 2024-25

Sr. No.	Title	Name of Inventor	Year of Publication / Grant	Date
1	Computer Device for Barter Trading	Dr. Sunil Bangare, Pallavi Bangare, Rounak Longani, Ohm Chiluka, Aditya Tawse, Harshad Jagtap	2025	Grant date: 02 April 2025 Registration date: 13 March 2025 UK Design Design number: 6430084
2	Food Disposal And Donation Device	Prof. Madhuri Kale, Dr. Poonam Pawar, Shashikant Pawase, Yuvraj Sathe, Aryan Nikam, Prasad Sawant, Sandeep Patil, Abhay Shinde, Anuj Pisal, Avishkar Bhosale	2025	UK Design number: 6441261 Grant date: 23 May 2025 Registration date: 30 April 2025
3	AI-Powered Smart Ticket Booking Computing Device with Deepfake Video	Poonam Pawar, Madhuri Kale, Kshitija Zoke, Madhumita Jadhav, Nikita Kudale, Dayashankar Pinjare, Poonam Sharma, Riya More, Akash Kumbhar, Tushar Savant	2025	UK Design number: 6434981 Grant date: 10 April 2025 Registration date: 04 April 2025
4	Voice-Driven Email Assistant Computer For The Visually Impaired	Prof. Shweta Patil, Prof. Kalyani Sanghavi, Dr. Sunil Bangare, Dr. Shriram Kulkarni, Kshitij Darekar, Prachi Chaudhari, Vivek Lahande, Aditya Sudake, Anukalp Borade, Aditya Molwane, Mahesh Bathe, Ayush Thusoo, Jayesh Sasane, Anushka Jadhav, Shravankumar Rakhunde, Nandini Rawool	2025	UK Design number: 6442154 Grant date: 14 May 2025 Registration date: 06 May 2025
5	Sign Language Recognition Device	Dr. Sunil Bangare, Pallavi Bangare, Payal Ashtikar, Pratiksha Kothari, Sonal Mundhe, Arman Mishra	2025	UK Design number: 6430981 Grant date: 26 March 2025 Registration date: 17 March 2025
6	LiFi-Enabled AI Health Device for Heart Disease Detection & Remote Care	Dr. Shriram Kulkarni, Abhishek Jadhav, Devang Tilgule, Pranit Zambre, Mohammad Salik Mulla, Purva Borude, Nikhat Shaikh, Shubham Mishra, Shravani Gaopande, Sahil Mulla, Kaif Mahaldar, Saniya Shaikh, Digant Kharat	2025	Grant date: 22 April 2025 Registration date: 14 April 2025

Year: 2023-24

Sr. No.	Title	Name of Inventor	Year of Publication / Grant	Date
1	A Waste Collection Dustbin With Garbage Level Detection and Obstacle Detection Mechanism	Sakina Salim Sayed, Pragyata Singh, Sakshi Dinesh Pawar, Jagruti Suresh Pawar, Mujammil AbdulSattar Shaikh	The Patent Office Journal No. 29/2022 Dated 22/07/2022, PART-1, PART-1, Page No.45954, Patent Application No: 202321067677 Patent no: 548224	Filing on : 09/10/2023 (Granted on 21/08/2024)

Year: 2022-23

Sr. No.	Title	Name of Inventor	Year of Publication / Grant	Date
1	Artificial Intelligence-Based Humanoid Robot	Dr. S. L. Bangare	The Patent Office Journal No. 24/2022 Dated 17/06/2022 38787, Design Number: 361075-001 Class 15-99. Date of Registration 23/03/2022	17-6-2022

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Sr. No.	Name of the Students/Faculty	Diary Number	Work Title	Class Of Work	Registration Date
1	Kaif Dastagir Mahaldar, Sahil Ramjan Mulla, Saniya Akil Shaikh, Digant Mohan Kharat, Prof. Laxman Jagannath Deokate, Dr. Shriram Sadashiv Kulkarni	36280/2024-CO/L	Healthcare and Heart Disease Prediction using Machine Learning Algorithms	literary	12/11/2024
2	Prof. Rupali R. Yadav, Prof. Laxman J. Deokate, Kalyani Sunil Mathankar, Rahul Pandurang Wadhekar, Anushka Somnath Nigade, Girish Machhindra Wakchaure	36281/2024-CO/L	Breast Cancer Histopathology Image analysis using Deep learning	literary	12/11/2024
3	Dr. Sunil L. Bangare, Prof. Nilesh G. Gunaware, Yash Jagannath Chaudhari, Harshada Sambhaji Kakade, Akanksha E. Shelke, Pratik Navnath Kakade, Pallavi Sunil Bangare	36282/2024-CO/L	Developing a Deep Learning Model for Precise Yoga Pose Recognition	literary	12/11/2024

4	Prof. Pallavi S. Bangare, Dr. Sunil L. Bangare, Rushikesh Rahul Kshirsagar, Vaishnavi Anil Patil, Swarali Suresh Bachhav, Piyush Vijay Pawar,	36283/2024-CO/L	Synergistic Approaches in seizure Detection	literary	13/11/2024
5	Dr. Sunil L. Bangare, Prof. Rupali. R. Yadav, Sonal Ramesh Mundhe, Prof. Pallavi S. Bangare, Payal Ravindra Ashtikar, Pratiksha Ashok Kothari, Dr. R. B. Kakkeri, Arman Kumar Mishra	36284/2024-CO/L	Motion Talker A Realtime sign language recognition system using deep learning techniques	literary	12/11/2024
6	Prof. Nilesh G. Gunaware, Dr. Sunil L. Bangare, Aditya A. Molwane, Anukalp A. Borade, Mahesh R. Bathe, Ayush Thusoo, Pallavi S. Bangare	6285/2024-CO/L	An Interactive Approach to Identify Cricket Shots Using Deep Learning Mechanisms	literary	12/11/2024
7	Prasad Nansaheb Paigude, Namrata Shashikant More, Rohit Gorakh Nevare, Dr. Sunil L. Bangare, Mrs. Poonam Yogesh Pawar, Mrs. Pallavi S. Bangare, Prof. Bhausaheb S. Salve, Dr. Purushottam R. Patil	36286/2024-CO/L	Development and implementation of an AI powered Telegram Chatbot named Study Buddy	literary	12/11/2024
8	Abhishek Rameshwar Jadhav, Devang Vinod Tilgule, Mohammad Salik Mulla, Pranit Kundlik Zambre, Dr. Shriram Sadashiv Kulkarni, Mr. Laxman Jagannath Deokate	36287/2024-CO/L	Navigation System in Remote Region Using LiFi	literary	12/11/2024
9	Prof. Pallavi S. Bangare, Dr. Devata R. Anekar, Yash Gharate, Pratik Lahane, Sarish Joshi, Vishal Lalge	36288/2024-CO/L	Developing a IoT Based Street Light Monitoring System	literary	12/11/2024
10	Prof. Nilesh G. Gunaware, Dr. Sunil L. Bangare, Nandini Namdeo Rawool, Jayesh Suhas Sasane, Shravankumar Shahajirao Rakhunde, Anushka Jadhav	36289/2024-CO/L	VocalMail An Accessible Email System for the Visually Impaired	literary	12/11/2024
11	Dr. Devata Raghunath Anekar, Prof. Pallavi Sunil Bangare, Gajanan Bapurao Narwade, Sourabh Sanjay Diwate, Omkar Pramod Kachare, Sushant Sunil Akhade	36293/2024-CO/L	Development of IoT Based Healthcare Support System for Senior Citizens	literary	12/11/2024

12	Prof. M. S. Kale, Prof. Poonam Y. Pawar, Shashikant Abhimanyu Pawase, Aryan Anil Nikam, Yuvraj Dnyaneshwar Sathe, Prasad Sanjay Sawant	36290/2024-CO/L	Excess Food Management & Donation System using Machine Learning	literary	12/11/2024
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Sr. No.	Name of the Students/Faculty	Diary Number	Work Title	Class Of Work	Registration Date
1	Mrs. Pallavi Sunil Bangare, Mrs. Madhuri Satish Kale, Mohammed Aatif Akhlaque Ahmed, Rohit Anil Bachhav, Dinesh Maruti Bhatlawande	30494/2023-CO/L	IoT Based Fall Detection and Emergency Response System for Elderly, Paralysed and Handicapped Person	literary	19/11/2023
2	Prof. Laxman Jagannath Deokate, Dr. Shriram Sadashiv Kulkarni, Prathamesh Mahesh Karatkar, Balasaheb Sunil Shelake, Sanskar Kashinath Ghule, Rohit Rajendra Gaikwad	30492/2023-CO/L	Ischemic Brain Stroke Detection from MRI Image Using CNN Classifier	literary	19/11/2023
3	Dr. Sunil Limchand Bangare, Mrs Pallavi Sunil Bangare, Bajirao B. Kondbhar, Shrutika Arjun Patil, Bajirao B. Kondbhar, Siddhi Vasant Rao Pisal, Ankita Jitendra Sukale, Vaishnavi Satish Kharche	30490/2023-CO/L	Unlocking Pills Information - A First look at Multi-CNN and Classification Rules	literary	19/11/2023
4	Ms. Pragati Uday Ambekar, Dr. Sunil Limchand Bangare, Yash Balasaheb Shelar, Sarthak Suryakant Wagh, Vinit Manoj Ahire, Pranav Arun Patil	30508/2023-CO/L	Enhancing Medicinal Plant Recognition with Deep Learning : A study of Deep herb	literary	19/11/2023
5	Dr. Sunil Limchand Bangare, Mrs Pallavi Sunil Bangare, Bajirao B. Kondbhar, Vaishnavi Y. Chavan, Bajirao B. Kondbhar, Mansi Uddhav Jadhav, Shweta Arjun Shinde, Tanvi Sanjay Chalse	30486/2023-CO/L	Digital Diagnosis: Neural Networks Redefining Knee Osteoarthritis Detection	literary	19/11/2023
6	Dr. Shiram Sadashiv Kulkarni, Prof. Laxman Jagannath Deokate, Sakshi Sunil Gadade, Rohit Suresh Kakade, Rasika Santosh Sherkar, Sarthak Bhausaheb Dakhane	30485/2023-CO/L	Machine Learning Approaches on Polycystic Ovary Syndrome	literary	19/11/2023
7	Dr. Shiram Sadashiv Kulkarni, Prof. Laxman Jagannath Deokate, Aishwarya Rajendra Desai, Rohini Ram Kadgave, Shweta Anil Dighe, Snehal Moshe Barve	30483/2023-CO/L	Integrating Machine Learning Algorithms for Enhanced Coronary Artery Disease	literary	19/11/2023

8	Mrs. Madhuri Satish Kale, Mrs. Pallavi Sunil Bangare, Shreeprasad Anil Ghadge, Prankur Sharad Wankhade, Tushar Tukaram Nagargoje, Siddhant Jagannath Waghmare	30482/20 23-CO/L	Organic Food Traceability using Blockchain Technology	literary	19/11/2023
9	Ms. Pragati Uday Ambekar, Dr. Sunil Limchand Bangare, Prerana Kalas Shinde, Digvijay Ravindra Dhangar, Aditya Kailas Sule, Sudarshan Suresh Bhosale	30480/20 23-CO/L	Analysis and Classification of Dental Problems By using Image processing and deep learning on Xray Images	literary	19/11/2023
10	Bajirao B. Kondbhar, Dr. Sunil Limchand Bangare, Prathamesh Arun Karwal, Rajesh Bharat More, Kiran Gorakshanath Satdive, Mohammad Avez Nizaamuddin Qureshi	30496/20 23-CO/L	Analysis of Machine Learning algorithm towards the Women Safety Application	literary	19/11/2023
11	Mrs.Devata Raghunath Anekar, Mrs. Poonam Yogesh Pawar, Prashant Vishnu Lakal, Bhakti Rakesh Khivansara, Kalyani Sunil Deore	30478/20 23-CO/L	Applicant Personality Prediction Through CV using Text, Image and Video	literary	19/11/2023
12	Mrs. Poonam Yogesh Pawar, Mrs. Devata Raghunath Anekar, Sakshi Shirish Gandhi, Shreya Santosh Sapkal, Pratham Jayantilal Porwal, Rahul Sachin Pavaskar	30477/20 23-CO/L	Wireless Remote Controlled Multi Purpose Robot	literary	19/11/2023
13	Mrs.Devata Raghunath Anekar, Mrs. Poonam Yogesh Pawar, Atharva Keshav Bhosale, Sharayu Sharad Shinde, Vaishnavi Ramesh Biradar, Swapnaja Nagnath Patne	30472/20 23-CO/L	Abnormal Behaviour Detection for Road Safety using CNN	literary	19/11/2023
14	Mrs. Pallavi Sunil Bangare, Mrs. Madhuri Satish Kale, Rohit Atul Baheti, Yash Sangameshwar Malbhage, Neel Tushar Shah, Sarthak Gadage	30471/20 23-CO/L	A.I Image generation: Enhancing creativity and visual expression through AI	literary	19/11/2023
15	Prof. Laxman Jagannath Deokate, Dr. Shriram Sadashiv Kulkarni, Vaishnavi Y. Chavan, Bajirao B. Kondbhar, Mansi Uddhav Jadhav, Shweta Arjun Shinde, Tanvi Sanjay Chalse	30476/20 23-CO/L	Blockchain Backed Digital Collectibles Market- Revolutionizing Ownership and value	literary	19/11/2023