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Patent and Publication Details A.Y. 2021-22

Table 1: Patent Data

| Sr. No. | Name of Inventors | Application No. / Publication No. | Title of the Invention | Status Published / Granted |
|---------|-------------------|-----------------------------------|------------------------|----------------------------|
| Nil | | | | |

Table 2: Publication Data

| Sr. No. | Name of Authors | Paper Title | Publication Details with ISSN / ISBN / Vol. / Issue / DOI / Year | International Journal / National Journal / Book Chapter / International Conference / National Conference | Indexing (SCI / Web of Science / Scopus / UGC CARE / Google Scholar / Other) | Paper Link |
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| 1. | Amit S. Manekar, Akshay Agrawal, Vaishnavi Kanherkar, Kalyani Bonde, Radhika Jadhav | Smart Mirror using Raspberry PI: Review Paper | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper2163.pdf |
| 2. | Akshay Agrawal, Kalyani Bonde, Vaishnavi Kanherkar, Radhika Jadhav, Amit Manekar | Smart Information Desk using Raspberry Pi | 2350-0808 | International Journal | Google Scholar | https://www.ijett.in/index.php/IJETT/article/view/731 |
| 3. | Dr. A. S. Manekar, Anand Wankhade, Aman Surkar, Pranjali Pande, Kunal Nemade | DeepFake Detection using Inception-ResNet-v2 | 2455-6491 | International Journal | Google Scholar | https://ijaitc.co.in/downloads/volume_7/issue_3/30.pdf |
| 4. | Om Masne, Mohit Bohra, Gita Fase, Amitkumar Manekar, Kshitij Khillare | A Study of Pose Estimation and Its Recent Advancements | 2455-6491 | International Journal | Google Scholar | https://www.ijett.in/index.php/IJETT/article/view/726 |

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| 5. | Vivek Bhore, Pratik Bondre, Rutik Gawande, Vushabh Guntiwar, Priti Kale | Extractive Text Summarization | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3022.pdf |
| 6. | Prof. Aniket Shahade, Karan Gadodia, Vaibhav Kotecha, Ishita Koradia, Sayali Patil | A Comprehensive Survey on Smart Attendance Monitoring System | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper4076.pdf |
| 7. | Karan Gadodia, Ishita Koradia, Sayali Patil, Vaibhav Kotecha, Prof. Aniket Shahade | Deep Neural Network Based Smart Attendance Monitoring System | 2456-236X | International Journal | Google Scholar | http://ijiird.com/wp-content/uploads/060216.pdf |
| 8. | Mamata Rajput, Rutuja Dhanorkar, Shivani Nirmal, Manisha Ubharhande, Aniket Shahade | E-Lib Digital Library Management System using Flutter and Dart | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper4253.pdf |
| 9. | Vikrant Ughade, Prathamesh Raut, Prasad Rudrawar, Prachi Joshi, Prof. A. K. Shahade | Real Time Hand Gesture Recognition System | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper4049.pdf |
| 10. | Anand Sharma, Vaibhav Chandekar, Vikas Damre, Shrutam Dhone, Kapill Patil | Search Engine Algorithms | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/A4250.pdf |
| 11. | Prof. Anand Sharma, Nikita Ingle, Arati Wadhe, Ritik Hujwant, Kaustubh Agrawal | Detailed Review on Cloud Computing and Cloud Security | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3321.pdf |
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| 13. | Punam Deokate, Rakshanda Kare, Ruchi Kumari, Sanjivni Warthe, Prof. Faizan I. Khandwani | Hospital and Blood Donor Finding System using Android | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3343.pdf |
| 14. | Muskan Bhagat, Hritik Kahalkar, Siddhant Gupta, Rohit Salampuriya, Sagar Padiya | Analysis of Problems Faced by the Indian Students to Apply for Higher Education at Foreign Universities | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3956.pdf |
| 15. | Vishal Kothalkar, Rohitraj Deshmukh, Akhil Jamatkar, Monish Sathe, Sagar Padiya | CityServices | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3951.pdf |
| 16. | Muskan Bhagat, Hritik Kahalkar, Siddhant Gupta, Rohit Salampuriya, Sagar Padiya | Predictive Web Portal for Indian Students to Apply for Higher Education at Foreign Universities | 2455-6491 | International Journal | Google Scholar | https://ijate.co.in/downloads/volume_7/issue_3/31.pdf |
| 17. | Sumit Muddalkar, Kiran Kolte, Ayush Batra, Ayush Naphade, Neha Lokhande | Use of OCR Technology for Data Extraction using Amazon Textract | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3262.pdf |

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| 18. | Sumit Muddalkar, Nishant Chaturkar, Khushal Ingole, Shreyash Wadaskar, Rahul Lanjewar | Electric Vehicle Charging Station Finding App | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3359.pdf |
| 19. | Dhanshri Therokar, Devshri Pohare, Manjiri Kolte, Priyal Sonar, Prof. Pallavi Bute | Social Media Application Development in Android with Firebase | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3612.pdf |
| 20. | K. J. Sapkal, Vandita Joshi, Gauri Panpaliya, Suyash Chilwarwar, Kartik Chauhan | Effect of COVID Work from Home on the Health of Students based on the Active Step Counts Per Day | 2349-6002 | International Journal | Google Scholar | https://ijirt.org/master/publishedpaper/IJIRT154503_PAPER.pdf |
| 21. | K. J. Sapkal, Rushikesh Ambuskar, Priti Vyas, Nitesh Mankar, Ashwin Bagade, Sahil Annaldewar | SQL Detection Tool | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper4017.pdf |
| 22. | Rohit Bhutada, Pream Karale, Prof. Ms. Krutika Sapkal | Remote Healthcare Monitoring System using IoT | 2455-6491 | International Journal | Google Scholar | https://ijajte.co.in/downloads/volume_7/issue_3/18.pdf |
| 23. | Disha Wadhe, Rutuja Jangamwar, Shweta Narwade, Vedika Gawande | Sentiment Analysis using Product based Reviews | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/A3201.pdf |
| 24. | Prajwal Vijaykar, Lakshit Jangid, Shruti Lahoti, Shrushti Deshpande | Heart Disease Prediction using Python and Machine Learning Algorithm | 2581-9429 | International Journal | Google Scholar | https://ijarsct.co.in/Paper3724.pdf |
| 25. | Prof. A. S. Manekar | Taxonomy and Open Challenges of an Innovative Bio Inspired PSO Algorithm for Optimazation in Big Data Analytics Application | 978-93-93715-14-2 | National Conference | | |
| 26. | Akshay Agrawal, Vaishnavi Kanherkar, Kalyani Bonde, Radhika Jadhav, Amit S. Manekar | Interactive Smart Mirror using Raspberry Pi 4 | 978-93-93715-14-2 | National Conference | | |
| 27. | Om Masne, Mohit Bohra, Gita Fase, Kshitij Khillare and Amitkumar Manekar | A Review on Pose Estimation and its Recent Progress | 978-93-93715-14-2 | National Conference | | |
| 28. | Ishita Koradia, Karan Gadodia, Sayali Patil, Vaibhav Kotecha, Prof. A. K. Shahade | A Review on Smart Attendance Monitoring System using Deep Learning Approach | NA | National Conference | | |
| 29. | S. D. Padiya, V. S. Gulhane | Chapter 10: Analysis of Bluetooth Versions (4.0, 4.2, 5, 5.1, and 5.2) for IoT Applications. | 978-1799869887 | Book Chapter | Scopus | https://www.igi-global.com/chapter/analysis-of-bluetooth-versions-40-42-5-51-and-52-for-iot-applications/287170 |

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| 30. | S. D. Padiya, V. S. Gulhane | IoT with BLE Beacons: Research Opportunities, Planning and Strategy (English Edition) | 978-6203848113 | Book | NA | https://www.morebooks.shop/shop-ii/shop/product/978-620-3-84811-3 |
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