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Patent and Publication Details A.Y. 2022-23

Table 1: Patent Data

Sr. No.	Name of Inventors	Application No. / Publication No.	Title of the Invention	Status Published / Granted
1.	Sagar Damodar Padiya, Dr Vijay Shankarrao Gulhane	202221040874 A	IoT System using BLE Beacons for the Wild Animals Tracking and Monitoring	Published
2.	Sagar Damodar Padiya, Dr Vijay Shankarrao Gulhane	202221066758 A	IoT System by using BLE Beacon to Wirelessly Detect and Identify the Location of Fatal Landslides, Avalanches, or any other Natural Disaster Victims	Published

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
1.	Amitkumar Manekar	Combined Dragonfly and Whale Optimization Algorithm for Cost and Energy Optimization in Resource Allocation and Migration	2349-7157	International Journal	Google Scholar	https://ijresonline.com/assets/year/volume-10-issue-3/IJRES-V10I3P103.pdf
2.	Poonam Jaikar, Komal Kumbhare, Aayushi Varma, Anagha Deshmukh, Amit Manekar	Bulletin Web Application	2349-5162	International Journal	Google Scholar	https://www.jetir.org/papers/JETIR2305567.pdf
3.	Raj Thakare, Ninad Thakare, Raj Sangtani, Shubham Bondre, Amitkumar Manekar	Expense Tracker Application using Naive Bayes	2349-7157	International Journal	Google Scholar	https://ijresonline.com/assets/year/volume-10-issue-3/IJRES-V10I3P108.pdf

4.	Nayan Sonkalyari, Advait Patil, Tiwar Zade, Kaushal Sharma, Amitkumar Manekar	Python and MySQL-based Transport Management System	2349-7157	International Journal	Google Scholar	https://ijresonline.com/assets/year/volume-10-issue-3/IJRES-V10I3P107.pdf
5.	Sarang Suresh Bagade, Atharva Prakash Patil, Mansi Gunwant Bayaskar, Dr. A. S. Manekar	Design and Development of Android News App	2455-6491	International Journal	Google Scholar	https://ijaite.co.in/downloads/volume_8/issue_3/8.pdf
6.	Shreyas Gawande, Ruchita Agrawal, Rutuja Ingole, Prathamesh Akotkar, A. K. Shahade	Review of Warehouse Management System	2581-9429	International Journal	Google Scholar	https://ijarsct.co.in/Apr3i8.html
7.	Shreyas Gawande, Ruchita Agrawal, Rutuja Ingole, Prathamesh Akotkar, A.K. Shahade	Design And Development of Warehouse Management System	2454-8596	International Journal	Google Scholar	https://vidhyayanaejournal.org/journal/article/view/670/674
8.	A. K. Shahade, Diksha Bhutekar, Harshada Parne, Nikita Patond, Prajesha Peshattiwar	Review on Efficient Virtual Education System	2582-7421	International Journal	Google Scholar	https://ijrpr.com/uploads/V4ISSUE4/IJRPR12161.pdf
9.	Aadarsh Kumar, Shreyash Chavan, Vaishnavi Agrawal, Yoshi Nawange, Prof. Anand Sharma	Student's Management Booklet	2581-9429	International Journal	Google Scholar	https://www.ijarsct.co.in/Paper9770.pdf
10.	Prof. A. G. Sharma, Snehdeep Raut, Tanmay Band, Aaryan Khanderao	Cryptocurrency Price Prediction using FB Prophet Model	2581-9429	International Journal	Google Scholar	https://ijarsct.co.in/Paper9725.pdf
11.	M. Faizan Khandwani, Pratik Lanke, Pratik Harne, Anuj Sapkal, Adesh Adhao	Restaurant Management System	2321-9653	International Journal	Google Scholar	https://www.ijraset.com/best-journal/restaurant-management-system
12.	M. Faizan Khandwani, Pratik Lanke, Pratik Harne, Anuj Sapkal, Adesh Adhao	Literature Review on Restaurant Management System	2582-5208	International Journal	Google Scholar	https://www.ijrmets.com/uploadedfiles/paper//issue_5_may_2023/37920/final/fin_ijrmets1683396746.pdf
13.	M. Faizan Khandwani, Pratiksha Narwade, Shivangi Kale, Shubhangi Mapari, Vaishnavi Gawande	Survey of Bike Showroom Management System	2320-9801	International Journal	Google Scholar	http://ijrecc.com/admin/main/storage/app/pdf/f2YKb53KaThe20mNkeX5Y8DIZUG9ckTvK2hz2MPT.pdf
14.	M. Faizan Khandwani, Pratiksha Narwade, Shivangi Kale, Shubhangi Mapari,	Bike Showroom Management System	2581-9429	International Journal	Google Scholar	https://ijarsct.co.in/A9495.pdf

	Vaishnavi Gawande					
15.	Gauri Sawarkar, Maithali Kulkarni, Sayali Marathe, Anuja Thakare, Prof. Sagar Padiya	Analysis of Accelerometer Applications	2581-9429	International Journal	Google Scholar	https://ijarsct.co.in/Paper9439.pdf
16.	S. D. Padiya, Atharva Raut, Bhavy Mittal, Mayur Patel, Vedant Polshettiwar	Machine Learning and IoT Applications in Agriculture	2581-9429	International Journal	Google Scholar	https://ijarsct.co.in/Paper9416.pdf
17.	Atharva Raut, Bhavy Mittal, Mayur Patel, Vedant Polshettiwar, Prof. Sagar Padiya	Crop prediction and fertilizer recommendation system using machine learning and IoT	2582-3930	International Journal	Google Scholar	https://ijsrem.com/download/crop-prediction-and-fertilizer-recommendation-system-using-machine-learning-and-iot/?wpdmdl=16366&refresh=651e5174b535a1696485748
18.	Ajay Dandge, Ajit Patil, Mayur Nehare, Hrushikesh Shukla, Prof. Pallavi Bute	Human Detection in Surveillance Video	2582-3930	International Journal	Google Scholar	https://ijsrem.com/download/human-detection-in-surveillance-video/?wpdmdl=17516&refresh=651e520c6dca71696485900
19.	Shruti Kalaskar, Pratiksha Dalimkar, Dhanashree Shegokar, Sudhir Ghagare, Prof. S. N. Khandare	Design and Development of Ecommerce Website	2581-9429	International Journal	Google Scholar	https://ijarsct.co.in/Paper9368.pdf
20.	Shreya Kharche, Neha Saraf, Tushar Ingle, Omsing Bhonde	A System for Fitness and Health Care	2581-9429	International Journal	Google Scholar	https://www.ijarsct.co.in/Paper9577.pdf
21.	Prananjay Kandekar, Vrushali Pawar, Anjali Rathod, Omkar Mante	Student Time Line System for Students	2581-9429	International Journal	Google Scholar	https://www.ijarsct.co.in/Paper9801.pdf
22.	Ganesh Rahate, Pratik Warulkar, Aditya Band, Saurav Borle	Virtual Care: The Future of Virtual Healthcare	2581-9429	International Journal	Google Scholar	https://www.ijarsct.co.in/Paper9260.pdf
23.	Vedant Borkar, Yash Khadole, Chirag Soni, Praful Kiran Wankhade	Examining the Structure of QR Codes to Improve Encryption and Decryption	2581-9429	International Journal	Google Scholar	https://www.ijarsct.co.in/Paper9287.pdf

24.	Narendra Mahalle, Ujjwal Devre, Yash Bora	Sport-Strides (Sports Learning and Event System)	2581-9429	International Journal	Google Scholar	https://www.ijarsct.co.in/Paper9702.pdf
25.	Ashish Dandade, Pranav Tayade, Rushikesh Patil, Jayant Mitkari	Real Time Assistive System for Deaf and Dumb Community	2582-3930	International Journal	Google Scholar	https://ijsrem.com/download/real-time-assistive-system-for-deaf-and-dumb-community/
26.	Komal Kumbhare, Anagha Deshmukh, Poonam Jaikar, Aayushi Varma, Amitkumar Manekar	Comparative Analysis of Nature-Inspired Meta-Heuristic Optimization Algorithm	978-93-93715-14-2	National Conference	Scopus	https://ssgmjournal.in/index.php/ssgm/article/view/77/53
27.	Dr. Amitkumar Manekar	Survey Of Particle Swarm Algorithm to Optimize Energy in Modern Data Centers	978-93-93715-14-2	National Conference	Scopus	
28.	Dr. Amitkumar Manekar	Machine Learning Based Expense Tracker Application for Personal Finance Management	978-93-93715-14-2	National Conference	Scopus	
29.	Dr. Amitkumar Manekar	Optimizing Diabetic Retinopathy Detection in Type-2 Diabetes Patients.	NA	National Conference	Scopus	