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PATENT DETAILS

Department of Computer Engineering

Sr. No.	Applicant Name	Patent Title	Patent No.	Status	Faculty/ student
A.Y. 2025-26					
1	Dr. Yogeshwari V. Mahajan	Intelligent parking management system using real-time sensors and machine learning.	202521077576	Published Patent	Faculty
2	Mrs. Dhanashri Patil	Integrate IOT and Big Data architecture for smart and sustainable agricultural systems	202521134068	Published Patent	Faculty
3	Dr. Yogeshwari V. Mahajan	Negotiations Training Module	478737-001	Design Granted	Faculty
4	Dr.Vaishali Latke	Wearable band for stress Monitoring	482790-001	Design Filed	Faculty

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& RESEARCH, RAVET,PUNE-412101.
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PATENT DETAILS

Department of Computer Engineering

Sr. No.	Applicant Name	Patent Title	Patent No.	Status	Faculty/Student
A.Y. 2024-25					
1	Dr. Swati Yashawant Nikam	System and method for resource Provisioning and service composition in cyber physical systems (cps)	548077	Granted	Faculty https://drive.google.com/file/d/1xNhh2ZFodbCuaWsnwpjPrsCap8dgqLSm/view?usp=drive_link
2	Dr.Vijay Kotkar, Dr. Archana Chaugule, Dr. Goving Suryavanshi	Real-time Multilingual communication system through neural network language Translation	550414	Granted	Faculty
3	Dr. Vaishali Prasad Latke	School boundary security device	427158-001	Design Patent Granted	Faculty
4	Dr. Yogeshwari V. Mahajan	Image processing based Robotic device to assist in dental surgery	440315-001	Design Patent Granted	Faculty
5	Mrs.Vaishali C. Kulloli	Portable iris liveness detection device	444418-001	Design Patent Granted	Faculty
6	Dr. Archana Kollu	A Drone-based Pest Detection and Spraying System with Machine Learning and IoT Security	202441079691	Published Patent	Faculty

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PATENT DETAILS

Sr. No.	Applicant Name	Patent Title	Patent No.	Status
A.Y. 2023-24				
1	Prof. Nita J. Mahale, Dr. Yogeswari Mahajan, Prof. Manasi D. Karajgar, Prof. Roomana Hasan, Prof. Tejali V. Katakar	Predictive maintenance system using machine learning for equipment failure prediction	202321029924	Published
2	Dr. Archana. Kollu	Medical instrument for monitoring respiratory diseases	394908-001	Published
A.Y. 2022-23				
Sr. No.	**Applicant Name**	**Patent Title**	**Patent No.**	**Status**
1	Mr. Mahendra B. Salunke	A method for information hiding during data transmission in sensor-based networks based on the rubik's cube encryption algorithm	202321009953	Published
2	Dr. Yogeshwari V. Mahajan	Reduced carbon emissions from vehicle expulsion through supervised machine learning methodology	202341014807	Published
A.Y. 2021-22				
Sr. No.	**Applicant Name**	**Patent Title**	**Patent No.**	**Status**

1	Dr. Archana Chaugule	Apparatus to Measure Oil-Dirt Saturation For Cleaning The Kitchen Chimney	202221010587	Published
2	Mr. Mahendra B. Salunke	Gesture control system for kiosk machine	202221010649	Published
3	Mr. Amol N. Dumbare	An extension in small sized electronic gadgets to make easy search of them like pendrive	202221010733	Published
4	Mr. Govind Surywanshi	Eye movement and interactive voice response based smart computer	202221010595	Published
5	Dr. Gurunath Chavan	Polyhouse farming using visible light communication (VLC)	202221010811	Published
6	Mr. Jameer Kotwal	Modified Laptop with less heat at base side	202221010604	Published
7	Mr. Mahendra Salunkhe, Mr. Nikhlesh Kulkarni and Group	Gesture Control System for Kiosk Machine	202221010649	Published
8	Mrs. Madhuri Badole	Universal tube-light cleaner	202221010612	Published
9	Mrs. Minal Bodke	Proactive auto servicing alarm for 4-wheelers	202221010627	Published
10	Mr. Korade Nilesh	CROP-TECH- An Automatic System for Low Temperature Farming	202221010753	Published
11	Mr. Korade Nilesh	First to aid	202221010750	Published
12	Mrs. Shweta Koparde	Automated AI Makeup Machine	202221010757	Published
13	Mr. Vijay Kotkar	An automatic pesticide sprayer to detect the crop disease and spraying only required pesticide on affected crops	202221010675	Published
14	Mrs. Vaishali Latke	Auto servicing alarm for water purifier cartridges/candles	202221010661	Published

15	Shubham Khupase Yash Veer Prashik Agale Mansi Jagtap	System to display direction hoarding on the vehicle's display when it passes by the hoarding	202221010654	Published

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