

Samarth Educational Trust
Arvind Gavali College of Engineering

Patent Details

Sr. No.	Title of the Patent	National/International	Application No.	Department of the Principal Applicant and Co-Aplicants	Applicants	Date of Filing
1	Productivity-Based Incentive Device	Indian Design Patent	383213-001	Mechanical Engineering	Dr. Vilas Pharande	06/04/2023
2	Device to Analyze the Software Code	Indian Patent	202321010217	Computer Science and Engineering	Dr. Manali Manish Shah	15/02/2023
3	Emergency Ambient Noise Reactive VR System	Indian Patent	202321009558	Computer Science and Engineering	Dr. Manali Manish Shah	13/02/2023
4	Impact of Total Quality Management Practices on Customer Retention and Satisfaction	Indian Patent	202321004283	Civil Engineering	Dr.Prashant Ramesh Bamane	20/01/2023
5	DP Transformer Theft Protection and Monitoring System	Indian Patent	202221065599	Mechanical Engineering Electronics and Telecommunication Engineering	Dr. Pharande Vilas Arjun Ms. Gavali Manisha Krushnat Ms. Gurav Kanchan Dattatray Ms. Waragade Mrunali Dilip Mrs. Nikam Priyanka Chandrakant	16/11/2022
6	Secret Key Management For Distributed Wireless Sensor Network	Indian Patent	202211053605	Computer Science and Engineering	Mrs. Rajani Mahendra Mandhare	23/09/2022
7	Hydrogen-Ethanol-EV Bike and Fuel. (H.E. EV)/ Shivendra Raje EV Bike	Indian Patent	202221022140	Mechanical Engineering	Mr. Vikrant Subhash Pawar	20/10/2023
8	A Machine Learning Model for Venue Exploration and Recommendation	Indian Patent	202121049749	Electronics and Telecommunication Engineering Computer Science and Engineering	Dr. Gayatri Mirajkar Ms. Pooja Subhash Bansode Ms. Vidya Suresh Parihar Ms. Akshata Dilip Godse Ms. Aishwarya Kishor Kothawale	29/10/2021
9	Retrofit Kit to Convert Normal Solar Water Heater System in to Hybrid Solar Water Heater System	Indian Patent	202121048704	Electrical Engineering	Mr. Karande Piyush Naresh Mr. Karande Ayush Naresh Mr. Karande Naresh Uttam	25/10/2021
10	Semi-Automatic Approach for Tumor Segmentation in Human Brain MR Images	Australian Patent	2021103174	Electronics and Telecommunication Engineering	Dr. Gayatri Mirajkar Dr. Shankar Deosarkar Dr. Lalit Garg	2021-06-07 07/06/2021
11	Retro-Fitment Kit for Three-Wheeler Auto Rickshaw to Convert IC Engine Into Electrical Drive Using Gear Box	Indian Patent	202121024842	Mechanical Engineering	Dr. Vilas Arjun Pharande Mr. Aakash Sunil Naykude Mr. Aniket Avinash Darekar Mr. Abhishek Shankarrao Katkar Mr. Akash Narendra Borate	4/6/2021
12	Automated Battery Distilled Water Filling, Water Filter Flushing and Fertilizers Sprayer	Indian Patent	202121023957	Electrical Engineering	Mr. Karande Piyush Naresh Mrs. Karande Rupali Naresh Mr. Karande Naresh Uttam Mr. Karande Ayush Naresh	29/05/2021

13	IOT Based Water Dispensing Apparatus	Indian Patent	202021008223	Electronics and Telecommunication Engineering	Vishal Sharad Hingmire	26/02/2020