



Sharad Institute of Technology, College of Engineering Yadrav- (Ichalkaranji)
(An Autonomous Institute)

PATENT DETAILS

AY: 2024-2025

S N	Department	Name of Applicant/ Inventor	Name of the Patent	National / International	Published	Granted	Application No.	Date of Publication	Date of Grant	Year
1	Automation and Robotics Engineering	Poornima University, Jaipur, Ashish Raj, Sunil Kumar Chaudhary, Govind Singh Patel, Atul Kumar, Sunil Kumar Gupta	Advanced thermal management system for enhanced battery performance and longevity in electric vehicles	National	Yes		202511005450	07-02-2025		2024-25
2	Electronics & Computer Science Engineering	Dr Sachin S Gurav	UNLEASHING POTENTIAL WITH MOBILITY STANDERS FOR CEREBRAL PALSY, AMYOTROPHIC LATERAL SCLEROSIS AND PARALYSIS PATIENTS.	National	Published	In Process	202421030970	18-04-2024		2024-25
3	Electronics & Computer Science Engineering	Ms. Bhagyashree K Jagtap	ELECTRICAL REPAIRS ASSISTING ROBOTIC DEVICE	YES	PUBLISHE D	In Process	430575-001	22-01-2025		2024-25

4	Mechatronics Engineering	Dr. Shabanam Khalid Shikalgar	SYSTEM AND METHOD FOR DETECTION OF ADULTERATION IN JAGGERY	National		Granted	561193		25/02/2025	2024-25
5	Artificial Intelligence and Data Science	Dr. Amit Jaykumar Chinchawade	Light switch	International		Granted	6416127		2-26-2025	2024-25
6	Electrical Engineering	Dr.Jayanna Kanchikere	Development of roll cage cars	National	Published	No	202541017281A	7-3-2025	NA	2024-25
7	Electrical Engineering	Dr.Jayanna Kanchikere	Development of Ecofriendly 3D printed Thermoplastic Polyurethane & polylactic acid composites reinforced with tea leaf cellulose	National	Published	No	202541019491A	21-03-2025	NA	2024-25
8	Electrical Engineering	Dr.Jayanna Kanchikere	AI enabled wearable health monitoring patch with IoT connectivity and real-time predictive analytics	National	Published	No	202541033524A	11-04-2025	NA	2024-25
9	Computer Science and Engineering	Dr.S.B.Gurav,Mr.P.B.Patil	Intelligent AI framework for enhancing supply chain efficiency in e-commerce management	national	publishesd		202421064001	06-09-2024		2024-25

10	Computer Science and Engineering	Dr.B.Dhanasekaran	Machine learning driven smart device for personalized fitness regimens	national	published		202521020341 A	21-03-2025		2024-25
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